

CLAT & other Law Entrance Exams

CLAT 2018



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Directions (1 – 3) : In the paragraph below there are five sentences. In each sentence there are pairs of highlighted words (A, B). Select the most appropriate words to form correct sentences. Then from the options given select the correct option.

1. Internationally high-rise walls serve as street **A) paintings B) canvasses**. In Delhi and Gurgaon artists have **A) earmarked B) earmark** a district and after civic authority **A) compliance, B) grant** transformed it into a throbbing art district. A walk through the **A) instalment B) installations** for public interaction is **A) instituted B) envisaged**. It is hoped that this will discourage defiling city's public places.

The correct sequence should be:

- A. ABABB
- B. BABAB
- C. BAABB
- D. ABABA

2. Pie charts are another extremely effective **A) visual B) graph** presentation of data. They show what proportions make up a whole. Each segment should be **A) cleared B) differentiated** by shading, cross-hatching or colour and should be **A) labelled B) articulated** horizontally. **A) Initially B) Conventionally**, the largest slice begins at the 12 o'clock position then slices are sequenced clockwise in **A) descending B) clarified** positions.

The correct sequence should be:

- A. ABABA
- B. BBABA
- C. BABBA
- D. BAABA

3. One of the predictable difficulties you can expect to **A) encounter B) counter** when you go to a different country to study or work is language. But difficulties may also result from **A) culture B) cultural** differences, which are often less **A) conscious B) obvious** at first and can be unexpected. A Dutch academic was one of the first persons to propose an

A) influential B) dire theory of cultural **A) diversity B) division**.

The correct sequence should be:

- A. ABABA
- B. ABBA
- C. AABBA
- D. ABABB

Directions (4 – 6) : Identify the incorrect sentence/sentences.

4.

- A) It is important to monitor the groups.
- B) Check that the instructions are clear, and tell the students to begin.
- C) Inefficient bus service are a hazard.
- D) Traffic in the city has reached unsustainable levels.

- A. A
- B. B
- C. C
- D. D

5.A) The college has organized a science fair.

B) This is to notify that a leather wallet has been lost

C) Shortly blood donation will begin a camp

D) The agenda of the meeting is available on the website.

- A. B
- B. C
- C. D
- D. A

6.A) It is vastly reading is significant

B) Reading for pleasure is linked to parental support at an early age.

C) We can read intensively and extensively.

D) Basic literacy among the prison population is insignificant.

- A. C
- B. D
- C. B
- D. A

Directions (7 – 12) : Fill up the blanks numbered (a) (b) (c) (d) (e) (f) in the passage given below with the most appropriate word from the options given for each blank

The main objective of art and (a) living is to develop (b) sensibilities and skills of healthful living besides providing a (c) ground for love of labour, (d) social attitudes and moral values so as to enable the child to be (e) to the ideas of others with humility and sincerity in thought, word and deed. Love for mankind and helping the needy would (f) at this stage and its culmination would be in terms of attainment of selfless service.

7.
„a“ is:
A. profitable
B. promising
C. productive
D. praise

8. „b“ is:
A. nature
B. healthy
C. aesthetic
D. genuine

9. „c“ is:
A. nurturing
B. fruitful
C. attractive
D. interesting

10. „d“ is:
A. clear
B. positive
C. growing
D. negative

11. „e“ is:
A. welcome
B. clear
C. receptive
D. illegal

12. „f“ is:
A. disappear
B. reveal
C. link
D. germinate

Direction: Four alternative summaries are given in the text: Choose the option that best captures the essence of the text.

13.

Develop Critical Thinking

The way we see the world and relate to others is intrinsically connected to our own set of values that govern the way we decide to live. However, the influence of fashion, consumerism, pop culture, broken homes, social unrest, and the media is all-pervasive. For many people, teachers and students alike, this influence goes unquestioned. Critical thinking, if successfully taught at this level, becomes the antidote for individual and social illiteracy. For the authors, critical thinking should constitute an indivisible part of the overall educational process. Facione (1995) comments: "Critical thinking lies at the root of civilisation. It is a cornerstone in the journey humankind is taking from beastly savagery to global sensitivity".

Supporting the development of these skills involves reflective teaching and learning, which is highly complex and which some students may find difficult or interpret as weakness on the part of the teacher. But in the long run, with patience on the part of the teacher, it will develop students who can view old or new material, from a variety of sources, through new eyes, using their skills to define their own stance and express it, often better in their second language, with an open-minded confidence.

A. The world view of the human being today is influenced by a lot of things. Critical thinking cannot be taught as it involves reflective teaching and could be misunderstood.

B. Critical thinking must be part of an individual's education, but it is a difficult concept because it very often reflects a teacher as a dominating individual

C. Critical thinking is an important aspect of an individual's literacy level and his social knowhow. It is part of civilization and eventually leads to global sensitivity. Students can look at information in a variety of ways.

D. Reflective teaching is another aspect of initial thinking and it could lead to individual and social illiteracy.

Direction: Four alternative summaries are given in the text: Choose the option that best captures the essence of the text.

14.

The construct of democracy rests on informed choice and governance on informed policy. Answers to critical questions are stranded in the arena of claims and counter claims. Measures of progress are simply not known or available. The debate to job creation is a mystery of sorts. The public are not aware that the Center and States spend crores on education, health and social services. Take education. Barely a few of Class V students can read a Class II text, the poor are switching to private schools and over 33% of million-plus schools do not maintain a feasible pupil teacher ratio.

A. Being informed is an important aspect of any democracy. This information is not available especially in the area of education, health and social services.

B. Answers are often given but they need to be deciphered accurately. Job clarity is available but sometimes it is a mystery. There is confusion about information.

C. Health and social services is clearly communicated but education remains an area of ignorance. Claims and counter claims create even more confusion.

D. Crores are spent on many areas of growth but there is no accountability for information. Parents are switching to private schools as the information on education is available there.

Directions (15 – 19) : The word given in each of the sentences is used contextually. Pick the word from the alternatives given that is most inappropriate in the given context.

15.

VENERATE : We venerate aged priests and martyrs.

A. respect

B. revere

C. spurn

D. honor

16.PRUDENCE: Prudence and sacrifice help us in meeting the future.

A. caution

B. reckless

C. foresight

D. judgement

17.OSTENTATION : Ostentation in wealth and living styles can sometimes turn vulgar.

A. pageantry

B. display

C. modesty

D. flourish

18.DOCTRINE: A doctrine is often refined by reasoning.

A. offense

B. dogma

C. precept

D. principle

19.BENEVOLENCE : Every religion believes in the concept of benevolence.

A. generosity

B. malignity

C. liberality

D. benignity

Direction (20 – 21) : Answer the Question, based on the following information. Indicate which of the statements given with that particular question, is consistent with the information given in the passage below.

A Holistic Viewpoint

It is now recognised by modern science that the universe at the subatomic level does not have solid material objects but consists of only wavelike patterns which represent probabilities of interconnections between other interconnections, all of which together constitute an inseparable web of inter-relationships constituting the entire universe. Fritj of Capra therefore, views the universe not as “an assemblage of independent parts” but as “a dynamic web of inter-related events” in which each part of the web determines the structure of the whole. Geoffrey Chew views such inter-penetrating and interdependent relationships in the

universe in terms of a “bootstrap” theory which implies that all forces in the universe are inseparably linked together, every part affects every other part, and the whole world is held together so to say, by bootstraps. David Bohm refers to a holographic concept which implies not only that every part is connected with every other part within the whole but also that, in a sense, each part contains the whole. This, according to David Bohm, recognises the “Undivided wholeness” of the entire universe instead of the classical idea of analysability of the world into separately and independently existent parts.

20.

Choose the appropriate option:

- A. there are many solid material objects in the universe
- B. the entire universe has a web of inter-relationships
- C. the universe comprises of a number of independent parts
- D. these independent parts determine the structure of the web

21. Choose the appropriate option:

- A. the holographic theory speaks of the exclusiveness of each part.
- B. the world can be analysed into separate independent parts.
- C. the classical idea recognizes the concept of wholeness.
- D. the boot strap theory speaks of interdependent relationships

Direction: In the following sentence a part of the sentence is underlined. Beneath each sentence four different ways of paraphrasing the underlined part are indicated. Choose the best alternative among the four options.

22.

The police searched everywhere but they drew a blank.

- A. upset
- B. did not find any information
- C. came to an end
- D. drew a line

Direction: In the following sentence a part of the sentence is underlined. Beneath each sentence four different ways of paraphrasing the underlined part are indicated. Choose the best alternative among the four options.

23. She was accused of being close - minded and intolerant.

- A. did not agree
- B. kept to herself
- C. not open to new ideas
- D. unwilling to discuss

Direction: In the following sentence a part of the sentence is underlined. Beneath each sentence four different ways of paraphrasing the underlined part are indicated. Choose the best alternative among the four options.

24. Rehman likes to have a finger in every pie.

- A. likes cooking
- B. wants to do everything
- C. object to everything
- D. cannot take decisions

Directions: In the question below, a related phrase is followed by a group of words. Select the group of words that best expresses a relationship similar to the one expressed in the original phrase.

25.

At one’s wits end

- A. cannot say anything funny
- B. not able to think logically
- C. not able to work
- D. clarity of thought

Directions: In the question below, a related phrase is followed by a group of words. Select the group of words that best expresses a relationship similar to the one expressed in the original phrase.

26. Gift of the gab

- A. clever at work
- B. flatter someone
- C. promise blatantly
- D. fluent at speaking

Directions: In the question below, a related phrase is followed by a group of words. Select the group of words that

- best expresses a relationship similar to the one expressed in the original phrase.
27. Die in harness
- A. die while riding
 - B. die at the height of one's success
 - C. die with help
 - D. die when the work has been completed

Direction (28 – 37) : Read the passage given below. Choose the best option for the question.

IOT has had an impact across all fields, be it industries, government, small or large businesses and even for Personal Consumption.

What is IOT (Internet of things) you might ask. It's been a growing topic of conversation for some time now. Put in the simplest term it means anything that has an on and off button and is connected to the internet for receiving, analyzing, storing or sending data. This could mean anything, from the watch that you wear to airplanes that can be controlled from a remote location. According to the analyst firm Gartner, by the year 2020 we'll have over 26 billion connected devices. That could mean people to people, people connected to things and things connected to things. The new rule of the future is going to be "Anything that can be connected will be connected". Take for example that when you set an alarm to wake up and that alarm goes off it not only wakes you up but also brews your coffee, sets the right temperature of water for your bath, puts on the television to bring you the latest updates from around the globe and all this before you even put a foot out of your bed. This is all done by simply getting the network of interconnected things/devices that have embedded sensors, network connectivity, software and necessary electronics that collect and exchange data.

To show how far we have come with technology and connectivity, we have smart watches such as Fitbit, Garmin to name a few that have changed the way we look at time. We have one device that not only tells us the time but also tracks the number of steps, calories and our heart rate. This watch is actually

connected to our phone so with just one turn of the wrist one can tell who is calling or what messages have been received without having to dig through pockets or handbags.

IOT is making its presence felt in health care as well. Doctors can now remotely monitor and communicate with their patients and health care providers can benefit from this. Whether data comes from foetal monitors, electrocardiograms, temperature monitors or blood glucose levels, tracking this information is vital for some patients. Many of this requires follow up interaction with healthcare professionals. With smarter devices that deliver more valuable data it can reduce the need for direct patient- physician interaction.

Take for instance in the sporting field, minute chips are being attached to balls and bats which will transmit information of how fast the ball is travelling and a batsman's moves, the time, the angles, the pressure on the bat at different positions, data of the muscle stretch if he's hit a six so on and so forth. Formula one cars are also being fitted with these sensors which relays information on the minute moves being made by the driver. Chips are also being put into wearable devices of sportsmen to detect sub-optimal action of any body parts to show signs of stress or strain which will help in the early detection of injuries and take preventive measures.

IOT has had an impact across all fields, be it industries, government, small or large business and even for personal consumption. IBM, Google, Intel, Microsoft and Cisco are some of the top players in the IOT spectrum.

With billions of devices connected security becomes a big issue. How can people make sure that their data is safe and secure? This is one of the major concerns in the IOT that becomes a hot topic. Another issue is with all these billions of devices sharing data companies will be faced with the problem of how to store, track, analyse and make vast sense of the information being generated. Companies are monitoring the network

segment to identify anomalous traffic and to take action if necessary.

Now that we have a fair understanding of IOT let's see what impact it's had on the education sector. The only constant in our lives is change and learning. From the get go we learn, be it to the walk, talk or run. We adapt to the changing times and constantly learn from it. Education or learning as we know it in the broader sense is the most important of all and the one that decides which way we handle those changes to impact us and the world.

Today's world is fast paced and to keep up with this we need an infusion of speed with learning. From the classroom assignments, lectures, blackboards and chalk we have come a long way to what is now known as e-learning (electronic learning) or m-learning (mobile learning). With the GenNext, it is imperative to provide the right kind of education.

The rise of technology and IOT allows schools to improve the safety of their campuses, keep track of resources and enhance access to information. It ensures data quality being the top priority but also facilitates development of content allowing teachers to use this technology to create smart lesson plans and ensuring the reach of this content to any corner of the world.

28.

How is IOT a concept of connecting?

- A. It is the internet in a different form.
- B. It is internet but connected to anything.
- C. It is an analysing machine.
- D. It is a data collection term.

29.It is said that we look at time differently now, why?

- A. It is connected to different devices
- B. It is in a different format
- C. It is connected to the aeroplane
- D. It connects people

30.IOT will help in simplifying patient - physician interaction because:

- A. It helps reduce data.

B. Doctors can remotely connect to patients.

- C. It improves connectivity.
- D. It is a simple process.

31.How will IOT work in the sporting field?

- A. Through sport fields with chips.
- B. Through special machine.
- C. Through minute wearable chips which are connected.
- D. Through special moves by the sportsmen.

32.Preventive measure is imperative because:

- A. It can detect anything.
- B. It identifies treatment needed.
- C. It keeps them in touch.
- D. It helps to identify stress and strain.

33.One of the major concerns of IOT is:

- A. Security and privacy, data loss and tracking data
- B. Only security and privacy
- C. Only data loss
- D. Only tracking data

34.Technology and IOT has benefited education considerably because it has

- A. Helped in improving the lesson.
- B. Helped keep track of all resources.
- C. Helped teachers to track.
- D. Helped with keeping up with the change in learning.

35.Teachers can use this data:

- A. Only to teach with more resources
- B. Only to create a smart classroom
- C. Only to reach out to the world
- D. To teach with more resources, create a smart classroom and reach out to the world.

36.Select a title that is most suitable for the passage

- A. IOT curse or boon
- B. IOT and our life tomorrow
- C. IOT is changing the way we learn
- D. IOT is all pervading

37.To conclude, IOT has an impact on:

- A. Education, sports, medicine and our daily lives
- B. Education and sports only
- C. Education only
- D. Education and medicine only.

Direction (38 – 40) : Choose the option closest to the Capitalized word

38. ANNIHILATE
- A. devastate
 - B. delay
 - C. investigate
 - D. retaliate

39. FACILITATE
- A. lend
 - B. share
 - C. support
 - D. serve

40. CAMPAIGN
- A. lobby
 - B. run
 - C. agree
 - D. work

41. Who wrote the memoir book "My Brief History"?
- A. Dr G. Madhavan Nair
 - B. Stephen Hawking
 - C. Angeline Merkel
 - D. Rosalind Franklin

42. What is the Motto of the Commonwealth Games 2018?
- A. People, Place, Passion
 - B. Share the Dream
 - C. Come out and play
 - D. United by the moment

43. The 2024 Summer Olympics will be held in Paris, France for a third time. How many years before that, did the city host the Summer Olympics for the second time?
- A. 100 years
 - B. 96 years
 - C. 92 years
 - D. 88 years

44. Who won the Men's Singles title in Australian Open 2018?

- A. Dylan Alcott
- B. R. Nadal
- C. Roger Federer
- D. Marin Cilic

45. In which election was the Electronic Voting Machines tried out on an experimental basis in India?

- A. The 1982 Kerala Legislative Assembly Elections.
- B. The Karnataka State for the 1984, Legislative Assembly Elections.
- C. The U.P State for the 1989, Lok Sabha Elections.
- D. The 1987, Delhi Corporation Election in Karol Bagh constituency.

46. Recently a star, Icarus was seen by NASA's Hubble Space Telescope. What was the approximate time taken by Icarus' light to reach the Earth?

- A. Nine billion years
- B. Ten million years
- C. Seven trillion years
- D. One hundred years

47. Who won the first Gold Medal for India at the Commonwealth Games 2018?

- A. Punam Yadav
- B. Mirabai Chanu
- C. Jitu Rai
- D. Sanjita Chanu

48. Who is the first Indian to hold the post of Deputy Director General for Programmes at the World Health Organisation?

- A. Rasha Omar
- B. Vijayalakshmi Pandit
- C. Soumya Swaminathan
- D. Kiran Bedi

49. Who is the first female fighter pilot of India?

- A. Punit Arora
- B. Avani Chaturvedi
- C. Mitali Madhumita
- D. Priya Jhingan

50. The Reserve Bank of India issued the 100 rupee coin to mark the birth centenary of which Carnatic Music Legend?

- A. Dr. Balamurali Krishna
- B. Dr. M.S. Subbulakshmi
- C. Muthuswami Deekshithar
- D. Chembai Vaidynatha Bhagavathar

51. Which type of mango from Andhra Pradesh received a Geographical Indication (GI) Tag in 2017?

- A. Alphonso
- B. Banganapalle
- C. Totapuri
- D. Himsagar

52. The International Day of the Girl Child is observed by the UN on:

- A. March 8
- B. August 12
- C. October 16
- D. October 11

53. Where is the temple of Angkor Wat located?

- A. Singapore
- B. Cambodia
- C. Thailand
- D. Indonesia

54. Which one of the following States lifted the Santosh Trophy Football title 2018?

- A. Kerala
- B. Punjab
- C. Karnataka
- D. Uttar Pradesh

55. IRDA stands for:

- A. Insurance Regulatory and Development Authority
- B. International Resources Development Agency
- C. Indian Roads Development Authority
- D. Indian Rural Development Authority

56. The first Defence Minister of India was

- A. K.M. Cariappa
- B. V.K. Krishna Menon
- C. Baldev Singh
- D. Kailash Nath Katju

57. Who is the legendary figure who won both a Nobel Prize and an Oscar?

- A. Satyajit Ray
- B. William Goldman

- C. Gabriel Garcia Marquez
- D. George Bernard Shaw

58. The discipline that deals with map making is known as

- A. Cryptography
- B. Carpology
- C. Cartography
- D. Lithography

59. The prize established, based on a donation from the Sveriges Riksbank in memory of Alfred Nobel, is the

- A. Prize in Medicine
- B. Prize in Economic Sciences
- C. Peace Prize
- D. Prize in Literature

60. What is the significance of May 13, 1952 with regard to Indian polity?

- A. First sitting of the Lok Sabha
- B. First sitting of the Rajya Sabha
- C. First sitting of the Supreme Court of India
- D. Formation of the Election Commission of India

61. Which among the following is the earliest literary work in Tamil language?

- A. Manimegalai
- B. Silappadikaram
- C. Thirukkural
- D. Tolkappiyam

62. Who has been appointed in 2018 as the Principal Scientific Advisor to the Government of India?

- A. S.N. Joshi
- B. Rakesh Aggarwal
- C. K Vijay Raghavan
- D. Vinod Kumar

63. Escape velocity of a rocket fired from the earth towards the moon is a velocity to get rid of the:

- A. Centripetal force due to Earth's revolution
- B. Earth's gravitational pull
- C. Centripetal force due to Earth's rotation
- D. Moon's gravitational pull

64. From which animal is catgut usually made of?

- A. Sheep
- B. Camel
- C. Cat
- D. Rabbit

65. Who wrote the book *Der Ursprung der Familie, des Privateigentums und des Staats* / *The Origin of the Family, Private Property, and the State*?

- A. Friedrich Engels
- B. Lewis H. Morgan
- C. Karl Marx
- D. Friedrich Carl von Savigny

66. Name the part of the human body reclassified as an organ due to research conducted in the past decade.

- A. Alimentary
- B. Mesentery
- C. Epithelium
- D. Spleen

67. The World's first 'negative emissions' power plant has been built in

- A. Iceland
- B. Poland
- C. Finland
- D. China

68. Which platform has been launched by the Union Government on the occasion of the 2018 International Women's day?

- A. Women Entrepreneurship Platform
- B. Women Combat Platform
- C. Women Power Platform
- D. Women Literacy Platform

69. Who is the author of 'The Coalition Years 1996-2012'?

- A. Manmohan Singh
- B. Pratibha Patil
- C. Sharad Pawar
- D. Pranab Mukherjee

70. What does 'NITI' in Niti Ayog stand for?

- A. National Invitation To Invest in India
- B. New India Transformation Initiative
- C. National Institution for Transforming India
- D. Nayi India Turant India

71. In commemoration of which of the following events, is May 1 celebrated in many places as the International Workers' day?

- A. The Haymarket affair, Chicago
- B. Foundation Day of International Labour Organisation
- C. Commencement of the First International Labour Conference
- D. Concluding Day of the Russian Revolution

72. The National Social Security Board functioning under the Ministry of Labour and Employment is meant for recommending formulation of social security schemes for ___.

- A. Industrial workers
- B. Women and Children
- C. Government employees
- D. Unorganised workers

73. The scarcity definition of economics is credited to

- A. Alfred Marshall
- B. Lionel Robbins
- C. Adam Smith
- D. Dennis Robertson

74. Name the digital payment app introduced by Google in 2017 for India.

- A. BHIM
- B. Tez
- C. Citrus Pay
- D. MobiKwik

75. Which of the following countries runs bullet trains with the highest operational speed?

- A. China
- B. Germany
- C. South Korea
- D. USA

76. Who became the Chief Justice of the Federal Court of India on 14 August 1947?

- A. Maurice Gwyer
- B. Patanjali Shastri
- C. H.J. Kania
- D. Srinivas Varadachariar

77. In which country outside India has the Energy Efficiency Services Limited, under the Ministry of Power, Government of India, launched the UJALA scheme in 2017?

- A. Malaysia
- B. Srilanka
- C. Indonesia
- D. Maldives

78. Which is the organisation that initiates and presents the National Film Awards in India?

- A. Film and Television Institute of India
- B. Central Board of Film Certification
- C. Directorate of Film Festivals
- D. Prasar Bharati

79. In 2017, eBay India was merged with which of the following Companies?

- A. Flipkart
- B. Alibaba
- C. Naaptol
- D. Snapdeal

80. The world's first fully Solar-powered Airport is

- A. Cochin International Airport
- B. Shanghai Pudong International Airport
- C. Dubai International Airport
- D. Singapore Changi Airport

81. The winner of the Jnanpith Award 2017 is

- A. G. Sankara Kurup
- B. Shankha Ghosh
- C. Raghuvir Chaudhari
- D. Krishna Sobti

82. What do the paintings of Ajanta caves primarily depict?

- A. Ramayana
- B. Panchatantra
- C. Jataka tales
- D. Mahabharata

83. Which country joined as the eighth member of the South Asia Sub-regional Economic Cooperation (SASEC) in February 2017?

- A. Myanmar
- B. Nepal
- C. Bhutan

D. Bangladesh

84. What is the theme of the 2018 World Wildlife Day?

- A. Stop wildlife crime
- B. Listen to the young voices
- C. Big cats: predators under threat
- D. The future of wildlife is in our hands

85. In which athletics event did Bob Beamon hold the world record for 23 years?

- A. Triple jump
- B. High jump
- C. Long jump
- D. Steeple chase

86. Which State government has come up with a Water ATM Policy in April 2018?

- A. Haryana
- B. Maharashtra
- C. Uttar Pradesh
- D. Madhya Pradesh

87. The military operation which annexed Hyderabad into the Indian Union was code-named as:

- A. Operation Meghdoot
- B. Operation Polo
- C. Operation Viraat
- D. Operation Vijay

88. Which of the following movies won the Best Movie Oscar Award 2018?

- A. The Shape of Water
- B. Call Me by Your Name
- C. Darkest Hour
- D. Dunkirk

89. Who is the first woman Defence Minister of Independent India?

- A. Nirmala Sitharaman
- B. Indira Gandhi
- C. Sushma Swaraj
- D. Sheela Dixit

90. What is the motto of the Supreme Court of India?

- A. Satyameva Jayate
- B. Dharmo Rakshati Rakshitah
- C. Sarve Jana Sukhino Bhavanthu
- D. Yato Dharmastato Jayah

91. Article 51-A on Fundamental Duties was inserted into the Constitution of India through the

- A. 41st Constitution (Amendment) Act, 1976
- B. 44th Constitution (Amendment) Act, 1978
- C. 40th Constitution (Amendment) Act, 1976
- D. 42nd Constitution (Amendment) Act, 1976

92. The highest law officer in India is the

- A. Attorney General
- B. Advocate General
- C. Solicitor General
- D. Chief Justice of the Supreme Court of India

93. How many languages are there in the Eighth Schedule of the Constitution of India?

- A. 21
- B. 22
- C. 19
- D. 18

94. A Panchayat Samiti at the block level in India is only a/an:

- A. Administrative authority
- B. Co-ordinating and Supervisory authority
- C. Consultative Committee
- D. Advisory body

95. Which of the following is NOT a fundamental duty as per the provisions of the Constitution of India?

- A. To uphold and protect the sovereignty, unity and integrity of India
- B. To join the Defence Forces of India
- C. To defend the country and render national service when called upon to do so
- D. To value and preserve the rich heritage of our composite culture

96. The Right to Education Act, 2009 (RTE) provides for free and compulsory education to:

- A. All illiterate children of India
- B. All citizens of India
- C. Children aged between 6 and 14 years

D. All children up to the age of 10 years

Direction: The question below consists of two statements, one labeled as 'Assertion' (A) and another as 'Reason' (R). Examine these two statements carefully and select the answers to these items from the codes given below.

97.

Assertion (A): It is the legal and constitutional duty of the State to provide legal aid to the poor.

Reason (R): No one should be denied justice by reason of his poverty.

- A. Both A and R are individually true and R is the correct explanation to A
- B. Both A and R are individually true but R is not the correct explanation to A
- C. A is true but R is false
- D. A is false but R is true

98. Which was the law introduced by Sir William Bentinck to prohibit the practice of Sati?

- A. Bengal Sati Regulation, 1829
- B. U.P. Sati Prohibition Act, 1828
- C. Indian Sati Prohibition Act, 1827
- D. Rajasthan Sati (Prevention) Act, 1830

99. Legal Principle: Nothing is an 'offence', if committed by a child below seven years of age

Fact Situation: Adil, aged six years, is a student of class one. He placed his sharpened pencil on the bench with its pointed end up when his classmate Ajay stood up to answer a question from the teacher. Ajay gets hurt when he sits on the pencil and Adil and his friends have a good laugh. Ajay's father, on seeing his son injured when he returns home, wants action against Adil.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Adil has committed an 'offence'
- B. Adil has not committed any 'offence'.
- C. Childish pranks cannot be investigated by the police.
- D. The class teacher must be arrested.

100. Legal Principle: The doctrine of basic structure in Constitutional jurisprudence

means that the Constitution of India has certain basic features that cannot be taken away through amendments by the Parliament. The power of judicial review is a part of the basic structure and it helps the constitutional Courts to determine whether an amendment is against the basic structure or not.

Fact Situation: Parliament proposes an amendment to limit the power of appeal against conviction for the offence of Sedition, to be exercised only by the Supreme Court of India.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. The proposed amendment is against the doctrine of basic structure.
- B. The proposed amendment is unconnected to the doctrine of basic structure.
- C. The proposed amendment can be reviewed and struck down by the Constitutional Courts.
- D. The proposed amendment is beyond the power of the Parliament.

101. Who among the following was the first Chairman of the Constituent Assembly in India?

- A. Dr. Rajendra Prasad
- B. Dr. Sachchidananda Sinha
- C. Harendra Coomar Mookerjee
- D. Dr. B.R. Ambedkar

102. Legal Principle: It is an offence to obstruct a public servant in the due discharge of his duty. Right of private defence is available to protect one's person and property

Fact Situation: Sidhu comes to the rescue of his uncle who is sought to be taken into a car by some men. In the process, he causes injury to some of them. Later, it turns out that the men were police persons in plain clothes trying to enforce a warrant against his uncle.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Sidhu has committed the offence of obstructing a public servant in due discharge of his duty.

B. Sidhu has not committed an offence since he did not know that the men were from the police.

C. Sidhu's uncle has resisted arrest and should be proceeded against

D. Sidhu should not have tried to help his uncle without ascertaining the fact

103. Legal Principle: An employer is liable for the act of his servant performed during the course of employment.

Fact Situation: While working as a driver for Verma, Alok sometimes used to earn some side income by carrying parcels for others in Verma's car without his knowledge or permission. While going to pick Verma from the airport one day, Alok stopped to deliver a parcel he was carrying with him. While he was delivering the parcel, which unknown to him was one of contraband goods, the police arrested Alok.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Verma is liable for the act of Alok since he is Verma's driver
- B. Verma is liable for the act of Alok since he had gone to pick Verma from the airport.
- C. Verma is not liable for the act of Alok since Alok himself did not know that he was carrying contraband goods.
- D. Verma is not liable for the act of Alok since carrying the parcel was not in the course of his employment.

104. Which law introduced the system of dyarchy in India during the British reign?

- A. The Government of India Act, 1858
- B. The Government of India Act, 1909
- C. The Government of India Act, 1919
- D. The Government of India Act, 1935

105. Legal Principle: The Latin maxim *nemo bispunitur pro eodem delicto* means that nobody can be punished twice for the same offence.

Fact Situation: Sajan, a petty thief, is caught and thrashed thoroughly by the people before being handed over to the police. Sajan pleads before the magistrate that since he was already

thrashed by the people he should not be again punished by the State.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Sajan is right since nobody should be punished for the same offence twice.
- B. Thrashing given by the people does not amount to legal punishment and so Sajan can be punished by the State.
- C. Giving a good thrashing to the thief is the best form of punishment to prevent future theft.
- D. The Magistrate should take into consideration the thrashing received by Sajan while fixing his punishment.

106. Legal Principle: The Latin maxim *qui facit per alium, facit per se* means that he who acts through another, acts himself.

Fact Situation: Heema requests her minor sister Harika to purchase a bag for her from the local shop. Harika purchases the bag on credit telling the shop keeper that her sister will pay for it. Afterwards, Heema refuses to pay for the bag.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Since Heema has not purchased the bag herself she is not liable to pay for it.
- B. Harika being a minor the shop keeper should not have sold the bag to her.
- C. Since she purchased the bag through her sister, Heema is liable to pay for it.
- D. Harika being a minor should not have been entrusted by Heema for the purchase of the bag.

107. Legal Principle: Negligence is the absence of care by one party which results in some damage to another. Damage is an essential ingredient to constitute a tort of negligence.

Fact Situation: Mistry left his ladder on the public road while unloading it from a truck when he went to open the shutters of his shop. Saini who was riding his motorcycle had to swerve hard to avoid hitting the ladder as he came with speed on the road. Saini fell down but was miraculously not injured.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Mistry is not liable for the tort of negligence since Saini was not injured though he fell down.
- B. Mistry is liable for the tort of negligence since Saini fell down due to the presence of the ladder.
- C. Mistry is not liable for the tort of negligence since Saini was speeding on the road.
- D. Mistry is liable for the tort of negligence since he was careless in leaving the ladder on the road.

108. Legal Principle: Every partner is liable alone and jointly with other partners for the debts of a partnership firm incurred for the business. Every partner is an agent of every other partner while being a principal in his own right in the business of the partnership.

Fact Situation: Varun is a partner in a firm with Chinmoy and Jaffar. Jaffar purchases a car for his personal purpose and obtains credit for the same in the name of the partnership behind the back of the other partners. He fails to pay the due amount on the expiry of the period of credit.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Varun, Chinmoy and Jaffar are liable to pay for the car since they are partners and the credit was obtained in the name of the firm.
- B. Varun and Chinmoy are not liable to pay for the car since Jaffar purchased it for his personal purpose.
- C. Varun, Chinmoy and Jaffar are liable as partners for all credit obtained in the name of the firm even if it is for the personal purpose of a partner.
- D. Jaffar can use the credit of the firm to make purchases even for personal purposes since he is a partner in the partnership.

109. Legal Principle: Parents are not liable for wrongs committed by their children unless they provide the opportunity for

such wrongful acts to be committed by their children.

Fact Situation: Sunil, a minor, takes the keys to his father's car from the table top where his father keeps it, drives the car on the public road and hits a pedestrian who gets injured.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Since Sunil took the car without his father's permission, his father is not liable for Sunil's act resulting in the accident
- B. Sunil's father is liable for the conduct of Sunil resulting in the accident since he left the car keys where his son could easily take it without permission.
- C. Accidents happen despite utmost care and hence neither Sunil nor his father is liable in the instant case.
- D. Sunil's father is not liable since he had kept his car locked and securely deposited its keys without negligence on his table top.

110. Legal Principle: No remedy lies in law where an injury is caused to a person without any infringement of his legal right.

Fact Situation: Ashutosh started a tuition Centre right next to the one being run for the past twenty years by Gulshan. After Ashutosh started his Centre, a large number of students shifted from Gulshan's tuition Centre to Ashutosh's Centre forcing Gulshan to close down his establishment suffering huge losses. Can Gulshan initiate legal action against Ashutosh?

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Ashutosh must compensate Gulshan for his loss consequent to the start of the new tuition centre.
- B. Gulshan cannot blame Ashutosh if he cannot retain his students.
- C. Ashutosh has not violated any legal right of Gulshan, though students shifted to Ashutosh's Centre and though Gulshan suffered loss, after he shut down his tuition Centre.

D. Gulshan should have improved his quality with lower fees to retain his students in the light of competition brought in by Ashutosh.

111. Legal Principle: Article 20(3) of the Constitution of India states that no person accused of any offence shall be compelled to be a witness against himself.

Fact Situation: Ubaid refuses to give a sample of his blood after he is stopped by the police for driving over the speed limit. The police suspect him to be driving under the influence of alcohol, which is prohibited under the law.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Ubaid is protected by Article 20(3) in his refusal to give a blood sample.
- B. Ubaid is not protected by Article 20(3) as he was under the influence of alcohol.
- C. Ubaid is not protected by Article 20(3) in his refusal to give a blood sample since he is not accused of any offence yet.
- D. Refusal to give a blood sample is a crime and Ubaid must be punished for the same.

112. The law which provides special powers to the Armed Forces in India is popularly known as:

- A. AFSPA
- B. POTA
- C. TADA
- D. SARFAESI

113. Legal Principle: The law states that a food business operator must be registered with or licensed by the Food Safety and Standards Authority of India (FSSAI) to run a food business.

Fact Situation: Kavita's neighbours suffer food poisoning after consuming sweets gifted by her on the occasion of a celebration at her home. Kavita does not have a registration or license from the FSSAI.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

A. Kavita is in violation of the law since she does not have a FSSAI registration or license.

B. Kavita is not in violation of the law since she did not make the sweets she gave by way of gift.

C. Law does not apply in cases like this where transactions happen between neighbours.

D. Kavita need not take a license or register with FSSAI since she is not running a food business.

114. Legal Principle: An agreement entered into by way of a wager/bet is unenforceable in law.

Fact Situation: Thomas is very good at predicting outcomes of cricket matches. Raja and Hoja give him rupees thousand each to enable him to bet with others about the outcome of a cricket match. Thomas wins rupees three lakh after betting three thousand rupees.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

A. Thomas must share rupees three lakh with Raja and Hoja equally.

B. Thomas must return rupees thousand each to Raja and Hoja.

C. Thomas need not share the three lakh with Raja and Hoja since it is the outcome of an unenforceable agreement.

D. If Thomas does not pay them rupees two lakh each, Raja and Hoja can sue him to recover their share.

115. Legal Principle: '*Audi alteram partem*' is a Latin phrase which means 'hear the other side' It is the principle that no person should be judged without a fair hearing.

Fact Situation: Sanjay, in Delhi, is accused of theft and brought before the Court. The magistrate discovers that Sanjay is mute.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

A. The principle is not applicable to Sanjay since he is mute.

B. The principle is applicable to Sanjay even though he cannot speak since he can be asked to write down his defence.

C. The Magistrate has to take all measures to understand what Sanjay has to convey about the accusation against him.

D. Since it is a Latin principle it is not applicable in India.

116. Legal Principle: An essential condition in a contract for sale of goods is that the seller has title over the goods sold.

Fact Situation: Ranjan pays rupees two thousand and buys a watch from Mohit who runs a watch showroom and a repair shop. Jatin sees the watch with Ranjan and tells him that it is his watch and was only given to Mohit for repairs. If what Jatin says is true,

Which of the following statements is the most appropriate in relation to the legal principle stated above?

A. Ranjan is now the owner of the watch since he paid rupees two thousand for it.

B. Ranjan is not the owner of the watch since Mohit did not have a title to it.

C. Mohit must pay Jatin rupees two thousand since he sold Jatin's watch

D. Mohit is the owner of the watch since he sold it to Ranjan.

117. Legal Principle: The insurer agrees to pay no more than the actual amount of the loss.

Fact Situation: Sunny insures his car worth rupees five lakh with X, an insurance company, for its value. He again insures the same car with Y, another insurance company, on the same terms. There is an accident and the car suffers a total loss. In his separate suits against X and Y, if Sunny recovers rupees five lakh from X, how much can he recover from Y?

Which of the following statements is the most appropriate in relation to the legal principle stated above?

A. Sunny can recover rupees five lakhs from Y.

B. Sunny cannot recover any amount from Y.

- C. Sunny must pay Y, the rupees five lakhs he received from X.
- D. Sunny cannot insure his car with both X and Y at the same time.

118. Legal Principle: When there is an infringement of the legal right of a person, he gets a right to sue the wrongdoer for remedy irrespective of any actual loss caused.

Fact Situation: Saroj is prevented from voting at an election. The candidate she intended to vote for, wins the election.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Saroj's legal right has been violated and she can sue the persons who prevented her from voting.
- B. Since Saroj's candidate has won the election, her rights are not violated and she cannot sue.
- C. Since Saroj is not the candidate, her rights are not violated if she is prevented from voting.
- D. This principle is not at all applicable in this case.

119. Which of the following is the oldest law code in India?

- A. Hammurabi's code
- B. Prasarsmriti
- C. Manusmriti
- D. Naradasmriti

120. Legal Principle: A product cannot be sold in shops to consumers after its date of expiry.

Fact Situation: Lata, while shopping, notices that the milk packets on the shelves are due for expiry on that day. She objects to this to the shopkeeper, saying that since she was there to buy milk for the next day, keeping the milk on its date of expiry was against the law.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Lata is right and the shopkeeper should take the milk packets off his shelves.
- B. The shopkeeper should not sell the milk packets after the date of expiry is over.

C. The shopkeeper must remove the milk packets from the shelves and keep it refrigerated.

D. Milk is not a product and hence the principle is not applicable in this case.

121. Legal Principle: Nuisance is the unlawful interference with a person's enjoyment of his land or some rights over or in connection with it.

Fact Situation: Ashok, in his nineties, is hard of hearing and plays the radio very loudly throughout the day and on a daily basis. Raju, his neighbour, complains that he cannot listen to his favourite TV show in his home due to the radio of Ashok.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Listening to the radio is Ashok's freedom
- B. Ashok is creating nuisance to his neighbour by playing the radio loud perpetually and disturbing Raju in being able to listen to the TV in his home.
- C. Raju is creating nuisance by complaining about Ashok's enjoyment of hearing his radio.
- D. Raju should appreciate that Ashok is aged and hard of hearing.

122. Legal Principle: Agreements in restraint of trade are void and unenforceable.

Fact Situation: Manu has been working as a blacksmith in his village for many decades. Somu has been undergoing training with him for the past three years. After his training is over, Somu enters into an agreement with Manu that he will not start a competing business in the same village while Manu is alive.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. This agreement is void and unenforceable since it is a restraint on trade.
- B. This agreement is valid and enforceable since Manu is Somu's teacher
- C. This agreement is valid but not enforceable after Manu's death

D. This agreement is valid and enforceable since it is to protect Manu's interest in consideration for teaching Somu to be a blacksmith.

123. What does FIR stand for under the Criminal Law?

- A. Forensic Investigation Report
- B. First Investigation Report
- C. First Information Report
- D. Formal Interrogation Record

124. Under which of the following enactments, is the use of mobile phone while driving made punishable?

- A. The Information Technology Act
- B. The Indian Penal Code
- C. The Motor Vehicles Act
- D. The Criminal Procedure Code

125. Legal Principle: A person is liable to compensate others for harm caused by the escape of any inherently dangerous material that he keeps on his land.

Fact Situation: Ankit lights a bonfire in his courtyard to warm himself up during a cold winter evening. A strong wind suddenly blows some sparks from the fire, on to his neighbour's house which catches fire and gets completely destroyed.

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Ankit's neighbour is liable to Ankit for distress caused by keeping a house that catches fire so quickly.
- B. Ankit is not liable because nobody could foresee that the sudden wind will blow the sparks to cause a fire.
- C. Ankit's neighbour cannot make Ankit liable for the loss of his house since it was an accidental fire that destroyed it.
- D. Ankit is liable to compensate because the fire escaped from his premises to burn down his neighbour's house.

126. Legal Principle: A characteristic feature of partnerships is the principle of mutual agency, i.e., every partner is an agent for every other partner and will hence be able to bind them by his act, within the business of partnership.

Fact Situation: Ram and Shyam are partners of M/s R & S Trading Company which trades in rice varieties. Ram agrees to purchase ten tons of rice from Govind. Ram dies after the rice is delivered to the premises of M/s R & S Trading Company but before the payment of price is made. Is the agreement binding on Shyam?

Which of the following statements is the most appropriate in relation to the legal principle stated above?

- A. Being partners, Ram's agreement to purchase rice for their partnership, is not binding on Shyam.
- B. Since Ram is no more, the agreement is not binding on Shyam.
- C. Being partners, Ram's agreement to purchase rice for their partnership, is binding on Shyam.
- D. The agreement is binding on Ram and not on Shyam since the rice is delivered only to M/s R & S Trading Company and not to Shyam.

127. Who is an Ombudsman?

- A. A judicial officer designated to receive complaints against the violation of rights of citizens.
- B. An official who is charged with representing the interests of the public by investigating and addressing complaints of maladministration or a violation of rights.
- C. An elected representative of the people to investigate and address the complaints of maladministration or a violation of rights.
- D. A specially designated police officer assigned with the power to investigate and address the complaints of maladministration or a violation of rights.
- E. None of the above

128. Which authority in India notified the guidelines for the protection of persons assisting accident victims on Indian roads based on the Supreme Court direction?

- A. Ministry of Surface Transport, Govt. of India
- B. Ministry of Social Justice, Govt. of India
- C. Ministry of Road Transport and Highways, Govt. of India
- D. National Human Rights Commission

129. Article 1 of a legal instrument reads: "All human beings are born free and equal in dignity and rights. They are endowed with reason and conscience and should act towards one another in a spirit of brotherhood"

Which is the legal instrument being referred to above?

- A. National Human Rights Act, 1995
- B. Constitution of India, 1951
- C. Universal Declaration of Human Rights, 1948
- D. Philadelphia Declaration, 1944

130. Examine the Statement and Conclusions given below and choose a suitable answer from the options given: Statement: It is a fundamental duty, which is unenforceable in a Court of Law that every citizen shall renounce practices derogatory to the dignity of women.

Conclusions:

- 1) Reservation of seats for women in employment is violative of the principle stated.
 - 2) Asking a lady inappropriate questions about her personal life is violative of the principle stated.
- A. Only Conclusion 1 follows.
 - B. Only Conclusion 2 follows.
 - C. Conclusions 1 and 2 follow.

D. Neither Conclusion 1 nor 2 follows.

131. Examine the Statement and Conclusions given below and choose a suitable answer from the options given: Statement: A punishment is the imposition of an undesirable or unpleasant outcome upon a group or individual, meted out by an authority.

Conclusions:

- 1) Eye for an eye and tooth for a tooth is an example of punishment.
 - 2) Imposition of fine on someone who inflicted bodily injury on another is justified by the statement.
- A. Only Conclusion 1 follows.
 - B. Only Conclusion 2 follows.
 - C. Conclusions 1 and 2 follow.
 - D. Neither Conclusion 1 nor 2 follows.

132. Examine the Statement and Conclusions given below and choose a suitable answer from the options given: Statement: Necessity knows no law.

Conclusions:

- 1) The act of a captain throwing some cargo into the ocean to save the ship from sinking is justified by the principle.
 - 2) The act of a man out of poverty and starvation stealing some food from a hotel is justified by the principle.
 - 3) The act of a tourist killing a tiger when it was attacking a villager is justified by the principle.
- A. Only Conclusion 1 follows.
 - B. Only Conclusion 2 follows.
 - C. Only Conclusion 1 and 3 follow.
 - D. All Conclusions follow.

133. Examine the Statement and Conclusions given below and choose a suitable answer from the options given: Statements:

- 1) Justice delayed is justice denied. Justice hurried is justice buried.
- 2) More than 3 crore cases are pending in the Indian Courts.

Conclusions:

- 1) People are not getting justice in India.
 - 2) Disposal of cases by 'Fast track courts' results in injustice
 - 3) Cases must be disposed off within a reasonable time.
- A. Only Conclusion 1 follows.
 - B. Only Conclusion 2 follows.
 - C. Only Conclusion 3 follows.
 - D. No Conclusion follows.

134. Legal Principle: One of the principles of 'Natural Justice' states that, "No person shall be a judge in his own cause"

Facts: A, a driver of B, a Branch Manager of ABC Bank was caught, suspecting theft, in the bank premises. The Bank management instituted an enquiry and made B the enquiry officer.

Which of the following statements is correct?

- A. As B is a Bank Manager and not a judge, this principle is inapplicable.
- B. Since the suspected theft was in the bank premises, the manager is the only

competent person to enquire. Hence, the principle is not applicable.

C. Since B is the employer of A, B should not be conducting the enquiry on the basis of the given principle.

D. The principle will be applicable, only if the theft committed by A was in relation to the car.

135. Legal Principle: Justice should not only be done, but also seen to be done.

Facts: L, an honest Lawyer had 200 shares in Company X. Later, L was elevated to the High Court as a Judge and had to deal with Company matters. A dispute between Company X and its creditors came before L for decision.

Which among the following proposition is true?

A. L, as an honest person will definitely judge the matter on the merits only. So, the principle cannot apply.

B. A judge cannot excuse himself from taking up a case posted before him by the Court Registry.

C. L should refrain from hearing the matter as he holds shares of the Company X.

D. Since, L has only 200 shares he has no substantial interest in the company and hence can decide the matter.

136. Legal Principle: A person who keeps hazardous substances in his premises, is responsible for the fault if that substance escapes in any manner and causes damage.

Facts: A, an industrialist stored 1000 litres of liquid ammonia in a tank in his premises for his industrial use. There was a leakage from the tank due to which there was ammonia vapour in the surroundings. Many workers in other industries as well as his own industry and some members from the public suffered serious health hazards. Examine the liability of A, if any.

A. A may be liable for the injury sustained by his workers only and not others.

B. A is liable as he is responsible for the injury caused by the leakage of ammonia from his premises.

C. A is not liable because there was no fault on his part for the escape of the dangerous substance.

D. A is not liable because he did not expect a leakage from the tank.

137. Legal Principle: In the law of evidence, a person missing for long and not heard of, for over

seven years is *presumed* to have died.

Facts: A, B and C are children of F and M. At the age of 20, A went out in search of a job and was not contacting the family. All attempts to trace A by the family failed. Eight years after the death of the parents, B and C entered into a partition and took equal share in the property of F and M. One year after this, A returned home with his wife and two children and claimed his share in the property. Whether A's claim is legally sustainable?

A. Since A was not heard of, for more than eight years, the legal presumption of death will apply and hence, he cannot claim a share in the property.

B. It was A's duty to be in touch with the family at least once in a year. The failure of this duty will disentitle him from claiming property.

C. A will succeed because he is a legitimate son of F and M.

D. B and C are legally bound to give 1/3rd share of the property to A.

138. Legal Principle: Gift' means transfer of certain existing property made voluntarily and without consideration, by a donor, to a donee, and accepted by or on behalf of the donee during the lifetime of the donor.

Facts: Amit executed a gift deed for property 'X' in favour of Sooraj, who happened to be Amit's loyal servant's son settled in the U S Two months thereafter, Amit died without

leaving a will regarding his assets. Amit's children initiated steps to partition his entire property, including property 'X' among themselves. At that time, Sooraj came to India, and learning about the gift, claimed the property 'X'.

A. Sooraj can legally get the property 'X', as soon as he gets to know about the gift.

B. Sooraj cannot legally claim the property 'X' because, the children of Amit have already initiated steps for partition.
C. Sooraj can claim the property 'X', because, his acceptance of the gift is implicit by his conduct of claiming the property as soon as he came to know about the gift.
D. Sooraj apparently did not comply with the essential requirements of a gift and hence, the entire property including property 'X', can be partitioned among the children of Amit.

139.The right to information under the Right to Information Act, 2005 is a:
A. Legal Right
B. Fundamental Right
C. Human Right
D. Constitutional Right

140.The primary legislation relating to organ donation and transplantation, aimed at regulation of removal, storage and transplantation of human organs for therapeutic purposes and for prevention of commercial dealings in human organs in India, namely, the Transplantation of Human Organs Act, was passed in the year
A. 1994
B. 1998
C. 2004
D. 2014

141.Find the missing group in the sequence
X7D, V11G, T13J, __, P19P
A. Q15M
B. R17M
C. Q17L
D. R15M

142.Find the missing number in the sequence
9, 3, __, 1/3, 1/9
A. 2
B. 6
C. 1/2
D. 1

143.Which word does not belong with the others?
A. Flute
B. Clarinet
C. Saxophone
D. Violin

144.Find the next group of alphabets
CFI, DHL, ILO, LPT, _____?
A. ORU
B. RUW
C. OQT
D. OSV

145.If "VOLKSWAGEN" is written as "UQKMRYZIDP" then "SWITZERLAND" is written as ?
A. RVHSYDFPMOD
B. TXJUAFSMBOE
C. RYHYVGQNZPE
D. RYHVYGGQNZPC

146.In an archery match, Suresh's team got more scores than Mahesh's team but not as many as Yogesh's team. Yogesh's team got more scores than Mukesh's team. Mukesh's team got less score than Mahesh's team.
Which team is in second place in the descending order of scores?
A. Yogesh's team
B. Mukesh's team
C. Suresh's team
D. Mahesh's team

147.Choose the word that is not a necessary part of the underlined word.
Movie
A. Scene
B. Video
C. Duration
D. Dialogue

148.The doctor is a person who looks after the sick people and prescribes medicines so that the patient recovers fast. In order to become a doctor, a person has to study medicine. Doctors lead a hard life. Their life is very busy. They get up early in the morning and go to the hospital. They work without taking a break. They always remain polite so that patients feel comfortable with them.

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Since doctors work so hard, we must realize their value.

Based on the above paragraph, who among the following is/are doctor(s)?

- i. Kumar Sharma wakes up early in the morning everyday and treats everyone with patience. He usually gives emergency aid to the persons who are injured in accidents.
 - ii. Rakesh studied medicine in Russia and practiced medicine there for 2 years. Later, stopped medical practice and turned into some business.
 - iii. Shalini works in Apollo Hospitals. She always remains polite so that patients feel comfortable. She is a specialist in providing quality care for the cancer patients.
- A. All are doctors
B. Rakesh and Shalini are the doctors
C. Kumar Sharma and Rakesh are doctors
D. Only Rakesh is a doctor

Direction (149 – 153) : Read the passage given below and answer the Question.

Ten friends attended a marriage, five of them Venkat, Manohar, Ravi, Prasanth and Tilak are sitting in a row facing North and other five friends Vidya, Maya, Divya, Keerthi and Anu are sitting in a row facing South not exactly in the same order. Each friend in a row is facing exactly one from the other row. One of them is using a Skoda Car. Manohar sits opposite to his friend who is using a Ford Car and sits at one of the extremes. The friend who uses a Honda car, is not Ravi who sits second to the right of Manohar. Venkat sits exactly in the middle of Ravi and the friend who uses a Nissan car is not Manohar. Keerthi does not sit at the extreme end but uses a Tata car and sits opposite the friend who uses a Fiat Car. The one who uses a Maruti car sits opposite to the friend who is to the immediate left of Keerthi. The friend who uses a Toyota Car but not Anu, sits opposite Prasanth. Tilak does not sit at any of the extremes, but sits opposite the friend who uses a Chevrolet car, and is sitting adjacent to Divya and the friend who uses a Mahindra car. Vidya neither uses Chevrolet nor Toyota cars.

149.

Who uses the Mahindra Car?

- A. Venkat
- B. Anu
- C. Vidya
- D. Divya

150. Keerthi is how many places away from the one who uses the Ford car?

- A. One
- B. Three
- C. Four
- D. Two

151. Who sits third to the left of the one who uses the Chevrolet?

- A. Anu
- B. Maya
- C. Divya
- D. Vidya

152. Which one does not belong to the group?

- A. Maruti
- B. Skoda
- C. Honda
- D. Mahindra

153. Which is the car used by Maya?

- A. Toyota
- B. Chevrolet
- C. Mahindra
- D. Ford

154. In a queue, I am the last person while my friend is seventh from the front. If the person exactly between me and my friend is on the 23rd position from the front, what is my position in the queue?

- A. 37
- B. 36
- C. 38
- D. 39

Direction: Read the statement and on the basis of that, choose the most appropriate course of action(s) given below the statement.

155.

Statement: Most of those who study in premier Medical colleges in India migrate to developed nations for better prospects in their professional pursuits.

Courses of Action:

I. All the students joining these colleges should be asked to sign a bond at the time of admission to the effect that they will remain in India at least for ten years after they complete their medical education.

II. All those students who desire to settle in the developed nations should be asked to pay the entire cost of their education which the government subsidised.

A. Only I follows

B. Only II follows

C. Both I and II follow

D. Neither I nor II follows

Direction: Read the statement and on the basis of that, choose the most appropriate course of action(s) given below the statement.

156.

Statement: Official data show more people died on Indian roads in 2016 than in 2015; UP and Tamil Nadu accounted for the largest numbers of fatalities.

Courses of Action:

I. Government should make a policy regulating the manufacturing of automobiles for private use.

II. Government should take steps to create awareness among the public about road safety.

III. Accidents can be avoided if the Government takes steps to make good roads.

IV. To eliminate accidents completely the Government should impose stringent punishments for traffic violations.

A. Only II and IV follow

B. Only II follows

C. Only III and IV follow

D. Only IV follows

Direction: Read the statements and presume that whatever statements given are true. On the basis of that, choose the most appropriate conclusion(s) given below.

157.

Statements: Some rats are cows. All cows are animals.

Conclusions:

I. All rats are animals

II. Some animals are rats

A. Only Conclusion I follows

B. Only Conclusion II follows

C. Both Conclusions I and II follow

D. Neither Conclusion I nor Conclusion II follows.

Direction: Read the statements and presume that whatever statements given are true. On the basis of that, choose the most appropriate conclusion(s) given below.

158.

Statements: All the students are young. All the teens are young. Some men are teens.

Conclusions:

I. Some students are teens.

II. Some young are students.

III. Some young are men.

A. Only (I) follows

B. Only (II) and (III) follow

C. Only (I) and (II) follow

D. Only (I) and (III) follow

159. 'X' started walking towards the west, after travelling 5 kilometres turned exactly to his right and walked 3 kms. Then he decided to walk exactly to his left. On reaching 2

kilometres, he heard a voice and walked back Then he noticed that, his friend 'Y' was walking towards him from his right side. In which **Direction** is 'Y' walking?

A. East

B. West

C. North

D. South

160. If 'DECEMBER' is 'AUGUST', 'MARCH' is 'MAY', 'SEPTEMBER' is 'SEPTEMBER' and 'OCTOBER' is 'JULY', then 'JUNE' is?

A. FEBRUARY

B. APRIL

C. JANUARY

D. NOVEMBER

Direction (161 - 162) : Read the information below and answer the question.

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A neurosurgeon, an orthopaedist, a plastic surgeon and an ophthalmologist visited the patient after a surgery.

The time of each visit is mentioned below:

Neurosurgeon at 7:45

Orthopaedist 8:30

Plastic surgeon 9:15

Ophthalmologist 9:50

Each time mentioned above may be either A.M. or P.M.

161.

If the ophthalmologist generally goes for his rounds before the surgeons, but not unless any other doctor does, and the neurosurgeon is not the last to go for his rounds, what is the correct sequence of their visit?

- A. Orthopaedist, Neurosurgeon, Plastic surgeon, Ophthalmologist
- B. Neurosurgeon, Orthopaedist, Plastic surgeon, Ophthalmologist
- C. Orthopaedist, Ophthalmologist, Neurosurgeon, Plastic surgeon
- D. Ophthalmologist, Orthopaedist, Neurosurgeon, Plastic surgeon

162. Who were the doctors to visit the patient in the evening?

- A. Neurosurgeon and Plastic surgeon
- B. Plastic surgeon Ophthalmologist and Neurosurgeon,
- C. Orthopaedist and Neurosurgeon
- D. Ophthalmologist and Orthopaedist and Plastic surgeon

163. Samantha is your father's mother's grandson's daughter. Therefore, Samantha is your

- A. niece
- B. sister
- C. uncle
- D. brother

164. Look at this series: 7, 10, 8, 11, 9, 12, ... What number should come next?

- A. 7
- B. 10
- C. 12
- D. 13

165. In an interview for selection of two District Judges, four candidates, P, Q, R

and S were shortlisted. All of them had 10 years standing as Lawyers. Who among them are most suitable?

I. P – Very academic not much interested in litigation practice, very honest and impatient.

II. Q – A patient listener, average in academics, thorough with Laws and sharp.

III. R – Jovial, Patient, good academic records and actively involved in politics.

IV. S – Shrewd, Quick tempered, punctual and Published several Legal articles

- A. P and Q
- B. Q and S
- C. R and S
- D. P and S

166. Find the odd one out

- A. Bat
- B. Vulture
- C. Eagle
- D. Owl

Direction (167 – 168): Read the information below and answer the Question.

On the farewell day five best friends, namely, Vishal, Anirudh, Gaurav Mansi and Sapna, clicked their photo, facing the photographer who is on the west.

They were standing as per the following conditions:

- i. Sapna stands to the right of Mansi and Gaurav
- ii. Gaurav stands to the left of Vishal and Sapna
- iii. Mansi stands between Vishal and Anirudh
- iv. There are two people between Anirudh and Gaurav

167.

Who will be standing at the 2nd position from the right in the photograph?

- A. Vishal
- B. Mansi
- C. Gaurav
- D. Anirudh

168. Who stands to the left of Anirudh?

- A. Sapna

- B. Gaurav
- C. Mansi
- D. Vishal

169. Find the equivalent for '?'

Sphygmomanometer: Blood Pressure:: Pyrometer: ?

- A. Temperature
- B. Blood Flow
- C. Urine Flow
- D. Atmospheric Pressure

170. From morning 11 O' clock to Evening 7 O' clock, how many times the hour hand and minutes hand will overlap each other?

- A. 9
- B. 8
- C. 7
- D. 6

171. Find the odd one out

- A. Police station
- B. Railway station
- C. Supermarket
- D. Airport

Direction: Read the following carefully and answer the question given below
172.

Although women now constitute 30 percent of the global industrial force, legal hurdles and traditional barriers still hinder the vast majority of women in their efforts to achieve parity with men.

The paragraph best supports the statement

- A. The Author claims that Feminism rules.
- B. Equality of men and women is still a myth.
- C. Women should surpass men in all the fields.
- D. The Author claims that women have to take more efforts.

173. If TEACHER is coded as CAHEETR and STUDENT is coded as DUETNST, then what is the code for SUCCESS?

- A. CECSUSS
- B. CCEUSSS
- C. SCUSCES
- D. UCSECSS

Direction (174 – 179) : Read the following and answer the Question.

Chetan invited five of his friends, namely Ritwik, Avantika, Darshan, Parul and Shweta to his birthday party. Each of the five friends gifted Chetan a different article – a jacket, a watch, a shirt, a video game and a headphone. As a return gift, Chetan gifted each of them a different article – goggles, a bag, a pen, a mobile case and a diary. The following is additional information about the gifts given by the friends and the return gifts they received.

- i. Avantika gifted the shirt but did not receive a bag in return.
- ii. Shweta did not gift the headphone but received the mobile case in return.
- iii. Neither Ritwik nor Darshan gifted the jacket but the person who did gift it, received the goggles in return.
- iv. The person who gifted the video game received a diary or a bag.
- v. Darshan did not gift a watch but received a pen in return.
- vi. Neither Shweta gifted a video game nor did Ritwik received a diary in return.

174.

Who gifted the watch?

- A. Shweta
- B. Darshan
- C. Ritwik
- D. Parul

175. Who received goggles as a return gift?

- A. Avantika
- B. Ritwik
- C. Parul
- D. Darshan

176. Which among the following combination is correct?

- A. Avantika – Bag
- B. Ritwik – Video Game
- C. Ritwik – Diary
- D. Parul – Watch

177. Who gifted the headphones?

- A. Shweta
- B. Ritwik

- C. Darshan
D. Parul

178. Which among the following combination is correct?

- A. Avantika – Diary
B. Headphones – Diary
C. Ritwik – Goggles
D. Watch – Bag

179. The one who received the bag in return, gifted which among the following items?

- A. Watch
B. Video Game
C. Headphones
D. Jackets

180. **Direction:** Examine the following expressions/activities/processes, and arrange them in the most logical sequence.

- 1) Design,
 - 2) Need,
 - 3) Launching,
 - 4) Research,
 - 5) Testing,
 - 6) Identify
- A. 4, 1, 6, 2, 3, 5
B. 2, 6, 4, 1, 5, 3
C. 3, 5, 4, 1, 6, 2
D. 2, 4, 1, 5, 6, 3

181. The value of the expression

$$\frac{\left(1\frac{29}{36} + 4\frac{1}{8} \times 1\frac{7}{11}\right) \div \left(5\frac{1}{9} - 7\frac{7}{8} \div 9\frac{9}{20}\right)}{3\frac{1}{5} \div \frac{9}{2} \text{ of } 5\frac{1}{3}}$$

is

- $\frac{2}{15}$
A. $\frac{2}{15}$
B. 2
C. $\frac{1}{72}$
D. 15

182. The fractions $\frac{42}{491}$, $\frac{30}{313}$, $\frac{35}{367}$ and are arranged in ascending order of magnitude as

- $\frac{35}{42}$, $\frac{30}{35}$, $\frac{42}{30}$
A. $\frac{367}{42}$, $\frac{313}{35}$, $\frac{491}{30}$
B. $\frac{491}{42}$, $\frac{367}{35}$, $\frac{313}{30}$

- $\frac{30}{42}$, $\frac{35}{30}$, $\frac{42}{35}$
C. $\frac{313}{42}$, $\frac{367}{30}$, $\frac{491}{35}$
D. $\frac{491}{42}$, $\frac{313}{30}$, $\frac{367}{35}$

183. Let x be the greatest number of 4 digits, which when divided by 15, 20 and 28 leaves in each case remainder 2. The sum of the digits of x is

- A. 19
B. 21
C. 23
D. 25

184. A student was asked to simplify the expression:

$$\frac{0.1216 \times 0.105 \times 0.0002}{0.625 \times 0.08512 \times 0.039 \times 0.16}$$

his answer was $\frac{1}{65}$. What is the difference between his answer and correct answer?

- $\frac{1}{65}$
A. $\frac{1}{65}$
B. $\frac{1}{130}$
C. $\frac{1}{26}$
D. $\frac{1}{13}$

185. When 13511, 13903 and 14589 are divided by the greatest number 'n', the remainder in each case is 'm'. The value of (m + n) is

- A. 183
B. 182
C. 181
D. 179

186. ABCD is a quadrilateral in which measures of angle D and C are 60° and 100° respectively. If the internal bisectors of angle A and angle B meet at P, then measures of an angle ABP is

- A. 80°
B. 90°
C. 100°
D. 110°

187. Suman saves 10% of her monthly salary. Now her expenditure increases by

30% and savings increases by 50%. The present increase in her salary is
A. 25%
B. 30%
C. 32%
D. 40%

188. A sum amounts to Rs.9680 in 2 years and to Rs.10648 in 3 years respectively at compound interest. What will be the amount if the same sum is invested for $1\frac{2}{5}$ years at the same rate of compound interest?
A. Rs.9025
B. Rs.9152
C. Rs.9215
D. Rs.9251

189. The marked price of an article is 20% more than the cost price. If the article is sold at a discount of 15% on its marked price, then the gain percent is
A. 5
B. $4\frac{1}{2}$
C. $2\frac{1}{2}$
D. 2

190. Reshma sells an article to Rekha at 37.5% profit, Rekha sells it to Madhu at $9\frac{1}{11}$ % profit. Again Madhu sells it to Mitu at 25% loss. If Mitu pays Rs.342 for the article, then what is the cost price of the article to Reshma?
A. Rs. 304
B. Rs. 266.50
C. Rs. 380
D. Rs. 384.75

191. The number of children in a camp is x and their average weight is 20 kg. If 5 children each weighing 12 kg joins the camp or if 10 children each weighing 21kg leave the camp, the average weight in both the cases remains the same. The value of x is
A. 18
B. 16
C. 15
D. 14

192. In a 120 litre of solution of Acid and water, acid is 75%. A person takes out 20 litres of this solution and added 16.2 litres of acid and 3.8 litres of water in the remaining solution. What is the percentage of water in the final solution?
A. 22
B. 24
C. 25
D. 28

193. Twelve men and 5 women can complete a work in 2 days whereas 4 men and 3 women can complete the same work in 5 days. In how many days can 8 men complete the work?
A. 3
B. 4
C. 5
D. 6

194. A and B are inversely proportional to each other and are positive. If A increases by 100%, then B decreases by
A. 50%
B. 75%
C. 100%
D. 200%

195. Four pipes A, B, C and D can fill a tank with water in 15, 20, 30 and 60 hours respectively. Pipe A is opened at 4 a.m., B at 5 a.m., C at 6 a.m. and D at 7 a.m. when is the tank filled up completely?
A. 9:30 a.m.
B. 10:00 a.m.
C. 10:30 a.m.
D. 11:00 a.m.

196. If a person travels at a speed of 40 km/h he will reach his destination in time. He covered half the journey in $\frac{2}{3}$ of time. At what speed (km/h) should he travel to cover the remaining journey to reach the destination on time?
A. 48
B. 50
C. 60
D. 72

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197. The parallel sides of the trapezium shaped field are 25m and 10 m and non-parallel sides are 14m and 13 m. what is the area (in m^2) of the field?

- A. 204
- B. 196
- C. 156
- D. 144

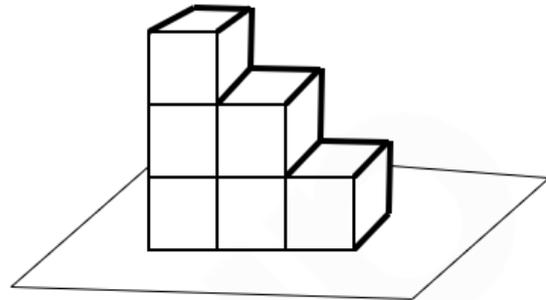
198. $x^2(a - b) + a^2(b - x) + b^2(x - a)$ is factored as

- A. $(a - b)(x - a)(x - b)$
- B. $(a - b)(x - a)(x + b)$
- C. $(b - a)(x - a)(x - b)$
- D. $(a + b)(x - a)(x + b)$

199. Three fair dice are thrown simultaneously. What is the probability that the sum of numbers on their tops, is at least 6?

- A. $\frac{5}{108}$
- B. $\frac{1}{24}$
- C. $\frac{103}{108}$
- D. $\frac{17}{18}$

200. Six dice are stacked on the floor as shown in the figure below. On each dice, the sum of numbers on opposite faces is 7, i.e., if 1 is written on one face then 6 is written on the face opposite it and so on.



What is the maximum possible sum of numbers on the 21 visible faces

- A. 88
- B. 89
- C. 96
- D. 147

###ANSWERS###

1. Ans. C.

In 1st sentence, 'canvasses' is the correct fit because high rise walls are used as canvasses (spaces where art could be made) where art can be displayed.

In 2nd sentence, 'earmarked' is the correct form of verb to be used after 'have' (present perfect: 'has/have' + past participle).

In 3rd sentence, 'compliance' is the correct fit. Civic authority compliance helped the artists to transform Delhi and Gurgaon into a throbbing art district.

In 4th sentence, 'installations' is the correct fit as 'artworks' are generally placed somewhere, and installations mean 'an art exhibit constructed within a gallery'.

In 5th sentence, 'envisaged' is the correct fit. The sentence after this one mentions, 'It is hoped that this will...' which indicates contemplation of a future possibility. 'Envisaged' means 'to have a mental picture of especially in advance of realization' and it aptly provides the correct meaning to the sentence.

2. Ans. A.

In 1st sentence, we need an adjective to modify the noun 'presentation'. 'Visual' is an adjective meaning 'relating to seeing or sight'.

In 2nd sentence, 'differentiated' is the correct fit as it means 'recognized or ascertained what makes (someone or something) different'. The sentence implies that each segment is distinguished by shading, cross-hatching or by means of different colours.

In 3rd sentence, 'labelled' should be used. It means 'to assign something to a category'. The sentence implies that each segment should be categorized horizontally. 'Articulated' means 'to pronounce (something) clearly and distinctly'.

In 4th sentence, 'conventionally' meaning 'in a way that is based on what is traditionally done or believed' is the correct fit. 'Initially' meaning 'at first' does not aptly fit in the sentence, as the common practice of labelling pie charts is being discussed.

In 5th sentence, 'descending' is the correct word to modify the noun 'position'. Clarified means 'made (a statement or situation) less confused and more comprehensible' which is inapt. Moreover, the sentence talks about sequencing, whose order can either be ascending or descending.

3. Ans. B.

In 1st sentence, 'encounter' meaning 'be faced with or experience (something hostile or difficult)' is the correct fit. 'Counter' means 'speak or act in opposition to'.

In 2nd sentence, we need an adjective to modify the noun 'differences'. 'Culture' is a noun meaning 'the arts and other manifestations of human intellectual achievement regarded collectively' while 'cultural' is an adjective meaning 'relating to the ideas, customs, and social behaviour of a society'. Therefore, 'cultural' is the correct fit here.

In 3rd sentence, the word meaning 'clear' is required to provide the sentence contextual meaning. 'Conscious' means 'aware of and responding to one's surroundings' while 'obvious' means 'easily perceived or understood; clear, self-evident, or apparent'. Therefore, 'obvious' is the apt fit.

In 4th sentence, 'an' implies that a word starting with a vowel sound should be used. Hence, 'influential' is the correct fit here.

In 5th sentence, 'diversity' provides the sentence a correct meaning. It means 'a range of different things' while 'division' means 'the action of separating something into parts or the process of being separated'.

4. Ans. C.

Sentence C is grammatically incorrect. Subject-verb agreement is violated in Sentence C. The subject in the sentence is 'bus service' which is singular, hence, the verb must also be singular i.e. 'is'.

5. Ans. C.

The structure of the sentence C is grammatically incorrect. The position of 'camp' and the adverb 'shortly' in the

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sentence makes it erroneous. The correct sentence will be 'A blood donation camp will begin shortly'.

6. Ans. A.

The sentence A is grammatically incorrect. The grammatical formation of sentence A is erroneous. The correct sentence will be 'Reading vastly is significant' or 'Vast reading is significant'.

7. Ans. C.

The blank (A) requires an adjective which aptly modifies the noun 'living'. 'Praise' is either a noun or verb and so is rejected. In the latter part of the sentence, it has been mentioned 'develop...skills of healthful living'. Such skills would provide positive results thus fulfilling the intended objective. Out of the given options, 'productive' means 'achieving good results' and is the appropriate choice for the blank. The noun 'living' cannot be qualified by the adjective 'promising', in an appropriate manner. 'Profitable' as well is absurd in relation to 'living'. Therefore, 'productive' is the correct fit for the given blank.

8. Ans. C.

The word in blank should correlate with 'art' (in the same manner, 'productive living' correlates with 'skills of healthful living'). The adjective which best fits the blank (B) is **aesthetic**. Art is related to beauty and 'aesthetic' meaning 'concerned with beauty or the appreciation of beauty' makes it the correct fit. Hence, **option C** is the correct answer.

9. Ans. A.

The context of the sentence is that, the love of labour should be encouraged and developed in a child. '**Nurturing**' means 'help or encourage the development of'. Therefore, it makes the correct fit for the blank c. 'Fruitful' means 'producing good or helpful results; productive' and is not an appropriate option.

10. Ans. B.

The attitude towards the society must be constructive and efficacious. Out of the given options, 'positive' meaning 'constructive, optimistic, or confident' is the correct fit.

11. Ans. C.

The skillset should be developed in such a way in a child so that he/she is open to the to the ideas of others with humility and sincerity in thought, word and deed. Out of the given options, 'receptive' means 'willing to consider or accept new suggestions and ideas'. Therefore, option c is the correct answer.

12. Ans. D.

The passage previously mentions enabling a child to develop in him/her, love of labour, positive social attitude and moral values. Another trait that would develop at this stage is the love for mankind and a desire for helping the needy. Out of the given options, for imparting the context of development, 'germinate' meaning 'come into existence and develop' is the correct fit. Therefore, option d is the correct answer.

13. Ans. C.

The passage is about how critical thinking is necessary and should be infused in the overall educational process. It also states that critical thinking enables students to view information from different viewpoints and provide their own stance. This is best summarised in option C, thereby, capturing the essence of the text.

14. Ans. A.

The paragraph states that information should be available to everyone in the democracy, however, answers to critical questions are unavailable in certain sectors. Option b and c contain incorrect information. Option D states a part of the passage and does not covers the essence. Only option A properly summarizes the given text.

15. Ans. C.

The meanings of the given words are as follows:

Venerate: regard with great respect; revere.

Respect: a feeling of deep admiration for someone or something elicited by their abilities, qualities, or achievements.

Revere: feel deep respect or admiration for (something).

Spurn: reject with disdain or contempt.

Honor: high respect; great esteem.
Therefore, spurn is inappropriate in the given context.

16. Ans. B.

The meanings of the given words are as follows:

Prudence: the quality of being prudent; cautiousness.

Caution: care taken to avoid danger or mistakes.

Reckless: heedless of danger or the consequences of one's actions; rash or impetuous.

Foresight: the ability to predict what will happen or be needed in the future.

Judgement: the ability to make considered decisions or come to sensible conclusions.

Therefore, **reckless** is the most inappropriate in the given context.

17. Ans. C.

The meanings of the given words are as follows:

Ostentation: the pretentious or showy display of wealth and luxury, designed to impress.

Pageantry: elaborate display or ceremony.

Display: put (something) in a prominent place in order that it may readily be seen.

Modesty: behaviour, manner, or appearance intended to avoid impropriety or indecency.

Flourish: a bold or extravagant gesture or action, made especially to attract attention.

Therefore, modesty is the most inappropriate in the given context.

18. Ans. A.

The meanings of the given words are as follows:

Doctrine: a belief or set of beliefs held and taught by a Church, political party, or other group.

Offense: a breach of a law or rule; an illegal act.

Dogma: a principle or set of principles laid down by an authority as incontrovertibly true.

Precept: a general rule intended to regulate behaviour or thought.

Principle: a fundamental truth or proposition that serves as the foundation for a system of belief or behaviour or for a chain of reasoning.

Therefore, offense is the most inappropriate in the given context.

19. Ans. B.

The meanings of the given words are as follows:

Benevolence: the quality of being well meaning; kindness.

Generosity: the quality of being kind and generous.

Malignity: the condition or quality of being malign, malevolent, or deadly.

Liberality: the quality of giving or spending freely.

Benignity: kindness or tolerance toward others.

Therefore, **malignity** is the most inappropriate in the given context.

20. Ans. B.

is clearly stated in the line 'It is now recognised by modern science that the universe at the subatomic level does not have solid material objects, but consists of only wavelike patterns which represent probabilities of interconnections between other interconnections, all of which together constitute an inseparable web of inter-relationships constituting the entire universe'.

Options a, c and d are contradictory to what is stated in the passage.

21. Ans. D.

is clearly stated in the line 'Geoffrey Chew views such inter-penetrating and interdependent relationships in the universe in terms of a "bootstrap" theory which implies that all forces in the universe are inseparably linked together, every part affects every other part, and the whole world is held together so to say, by bootstraps'.

Option a, b and c are opposite to what is stated in the passage.

22. Ans. B.

The phrase 'draw a blank' means 'to fail to get an answer or a result'. Therefore, **option b** is the correct answer.

23. Ans. C.

The adjective 'close-minded' means 'not willing to consider different ideas or opinions'. Therefore, option c is the correct answer.

24. Ans. B.

Someone who has a finger in every pie is involved in a lot of different activities or knows about a lot of different things. Therefore, option b is the correct answer.

25. Ans. B.

The idiom 'at one's wits end' means 'to be so worried, confused, or annoyed that you do not know what to do next'. Therefore, option b is the correct answer.

26. Ans. D.

The phrase 'gift of the gab' means 'the ability to speak easily and confidently in a way that makes people want to listen to you and believe you'.

Therefore, option d is the correct answer.

27. Ans. B.

The phrase 'die in harness' means 'to die while still actively working or still of the age or physical condition to do so'.

Therefore, option b is the correct answer.

28. Ans. B.

According to the line 2 of the passage 'Put in the simplest term it means anything that has an on and off button and is connected to the internet for receiving, analyzing, storing or sending data', IOT is internet but connected to anything'.

Therefore, **option b** is the correct answer.

29. Ans. A.

The line 'To show how far we have come with technology and connectivity, we have smart watches such as Fitbit, Garmin to name a few that have changed the way we look at time' of the passage states that apart from looking time, we can track multiple things on a watch. The watches now-a-days are connected to

different gadgets like cellphones, tablets etc. Therefore, option a is the correct answer.

30. Ans. B.

It can be deduced from the line 'Doctors can now remotely monitor and communicate with their patients and health care providers can benefit from this'. Doctors can track and monitor vital information relation to patient even when the patient is not physically present with the help of IOT. Hence, option b is the correct answer.

31. Ans. C.

Option c can be deduced from the line 'Take for instance in the sporting field, minute chips are being attached to balls and bats which will transmit information of how fast the ball is travelling and a batsman's moves, the time, the angles, the pressure on the bat at different positions, data of the muscle stretch if he's hit a six so on and so forth.'

32. Ans. D.

can be deduced from the line 'Chips are also being put into wearable devices of sportsmen to detect sub-optimal action of any body parts to show signs of stress or strain which will help in the early detection of injuries and take preventive measures'.

33. Ans. A.

The passage states that the problem of how to store, track, analyse and make vast sense of the information being generated is one of the major concerns of IOT. Hence, option a is the correct answer.

34. Ans. D.

The passage states that the only constant in our lives is change and learning. IOT has helped to keep up with this by infusing speed with learning. The passage mentions 'Today's world is fast paced and to keep up with this we need an infusion of speed with learning'. Therefore, option d is the correct answer.

35. Ans. D.

The passage states that 'The rise of technology and IOT allows schools to

improve the safety of their campuses, keep track of resources and enhance access to information'. Therefore, option d is the correct answer.

36. Ans. B.

The passage talks about IOT and its impact on our lives particularly on health, education and sports. It talks about the future we will have because of IOT. Therefore, option b is the apt title.

37. Ans. A.

The passage talks about IOT and its impact on our daily lives alongwith that in the field of health, education and sports. Therefore, option a is the correct answer.

38. Ans. A.

'Annihilate' means 'to destroy utterly; obliterate'. 'Devastate' means 'to destroy or ruin'. Therefore, 'annihilate' and 'devastate' are closely related to each other.

Investigate: carry out a systematic or formal inquiry to discover and examine the facts of (an incident, allegation, etc.) so as to establish the truth.

Retaliate: make an attack in return for a similar attack.

39. Ans. C.

'Facilitate' means 'to make (an action or process) easy or easier'. 'Support' means 'give assistance to, especially financially'. Therefore, 'facilitate' and 'support' are closely related.

Lend: contribute or add (a quality) to something.

40. Ans. A.

'Campaign' means 'work in an organized and active way towards a particular goal, typically a political or social one'. Lobby means 'to try to persuade a politician, the government, or an official group that a particular thing should or should not happen, or that a law should be changed'. Therefore, 'campaign' and 'lobby' are closely related.

41. Ans. B.

• Stephen Hawking wrote the memoir book "My Brief History".

• The book recounts Hawking's journey from his post-war London boyhood to his years of international acclaim and celebrity.

42. Ans. B.

• The Motto of the Commonwealth Games 2018 is Share the Dream.

• The Commonwealth Games 2018 was held in Gold Coast, Australia.

• Australia tops the medal chart with total 198 medals which includes (80 gold, 59 silvers and 59 bronze medals).

• England stood on the second sport with total 136 medals which includes (45 gold, 45 silver and 46 bronze medals).

• India won total 66 medals which include - 26 gold, 20 silvers and 20 bronze medals.

• With the 66 medals India stood on the third positions.

Note:

• The 2022 CWG Games will be held in Birmingham.

• The Commonwealth Games are an international multi-sport event involving athletes from the Commonwealth of Nations.

43. Ans. A.

• The 2024 Summer Olympics will be held in Paris, France for the third time.

• The 1924 Summer Olympics will be held in Paris, France for a second time. 100 years before Paris, France host Summer Olympics for the second time.

44. Ans. C.

• Roger Federer won the Men's Singles title in Australian Open 2018.

• He defeated Marin Cilic (Croatia) in the final.

• The Australian Open is a tennis tournament held annually over the last fortnight of January in Melbourne, Australia.

45. Ans. A.

• In 1982 Kerala Legislative Assembly Elections was the election where the Electronic Voting Machines tried out on an experimental basis in India.

• The EVMs were first used in 1982 in the by-election to North Paravur Assembly Constituency in Kerala for a limited number of polling stations.

- The EVMs were first time used on an experimental basis in selected constituencies of Rajasthan, Madhya Pradesh and Delhi.

46. Ans. A.

- A star, Icarus was seen by NASA's Hubble Space Telescope.

- The approximate time taken by Icarus' light to reach the Earth was around Nine billion years.

- The star is dubbed 'Icarus' by researchers after the Greek mythological character who flew too near the sun on wings of feathers and wax that melted. It is officially named as MACS J1149+2223 Lensed Star 1.

- NASA explains that, in the case of Icarus, a natural magnifying glass is created by a galaxy cluster that is located about five billion light-years from Earth - this massive cluster of galaxies sits between the Earth and the galaxy that contains the distant star. The light of the star is magnified by about 600 times due to this cluster.

47. Ans. B.

- Mirabai Chanu won the first Gold Medal for India at the Commonwealth Games 2018.

- Mirabai Chanu wins gold medal in women's 48 kg weightlifting.

- Mirabai Chanu hails from Imphal, Manipur.

48. Ans. C.

- Soumya Swaminathan is the first Indian to hold the post of Deputy Director General for Programmes at the World Health Organisation.

- Soumya Swaminathan is an Indian Pediatrician and Clinical Scientist known for her work in Tuberculosis.

49. Ans. B.

- Avani Chaturvedi is the first female fighter pilot of India.

- She is from Rewa in Madhya Pradesh.

- She was declared as the first combat pilot along with two of her cohort, Mohana Singh, and Bhawana Kanth.

50. Ans. B.

- The Reserve Bank of India issued the 100 rupee coin to mark the birth centenary of Dr. M.S. Subbulakshmi.

- Madurai Shanmukhavadiyu Subbulakshmi (16 September 1916 – 11 December 2004) was an Indian Carnatic singer from Madurai, Tamil Nadu.

- She was the first musician ever to be awarded the Bharat Ratna, India's highest civilian honour.

51. Ans. B.

- Banganapalle is the type of mango from Andhra Pradesh received a Geographical Indication (GI) Tag in 2017.

- A geographical indication (GI) is a name or sign used on certain products which corresponds to a specific geographical location or origin (e.g. a town, region, or country).

52. Ans. D.

- October 11 is observed as International Day of the Girl Child by United Nations every year.

- The day recognize girls' rights and challenges girls face around the world.

Note:

- The National girl child day is celebrated every year on 24th of January as a national observance day for the girl child.

53. Ans. B.

- Angkor Wat Temple is located in Cambodia.

- Angkor Wat is the largest religious monument in the world.

- Angkor Wat is a temple complex in Cambodia and is the largest religious monument in the world, on a site measuring 162.6 hectares.

- Originally constructed as a Hindu temple for the Khmer Empire, it was gradually transformed into a Buddhist temple towards the end of the 12th century.

54. Ans. A.

- Kerala defeated West Bengal in a tie-breaker to lift the 72nd Santosh Trophy at the Salt Lake Stadium in Kolkata.

- With this Kerala won the Santosh Trophy title for the 6th time.

- After 14 years Kerala won the Santosh Trophy title.

- In 2004 Kerala beat Punjab to win their previous Santosh Trophy in Delhi.

Note:

- The Santosh Trophy is an association football knock-out competition contested

by the regional state associations and government institutions under the All India Football Federation (AIFF), the sport's governing body in India..

55. Ans. A.

- IRDA stands for Insurance Regulatory and Development Authority.
- IRDA was started in the year 1999 with its headquarters at Hyderabad, Telangana.
- It is an autonomous, statutory agency tasked with regulating and promoting the insurance and re-insurance industries in India and was formed under Insurance Regulatory and Development Authority Act, 1999.

56. Ans. C.

- The first Defence Minister of India was Baldev Singh.
- He was also the first Sikh Defence Minister of India.
- On 15 August 1947, India became an independent nation and Baldev Singh became India's first Minister of Defence, under the first Prime Minister of India, Jawaharlal Nehru.
- Singh was also a member of the Constituent Assembly of India.

Note: Rajnath Singh is the current defence minister of India.

57. Ans. D.

- George Bernard Shaw, was an Irish playwright, critic, polemicist and political activist, who not only won an Oscar award but also won a Nobel Prize in Literature.

George Bernard Shaw, known at his insistence simply as Bernard Shaw, was an Irish playwright, critic, polemicist and political activist.

His influence on Western theatre, culture and politics extended from the 1880s to his death and beyond.

George Bernard Shaw was born in Dublin, 1856.

He was sent to various schools in Dublin but developed a great dislike for the formalised education systems and widespread use of corporal punishment, which was prevalent at the time.

One of his most critically acclaimed plays was Saint Joan (1923) about the life of Joan of Arc. This play contributed towards

his Nobel Prize in Literature 1925. (Nobel Prize)

58. Ans. C.

- Cartography is the discipline that deals with making of maps.
- Cartography is the study and practice of making maps. Combining science, aesthetics, and technique, cartography builds on the premise that reality can be modeled in ways that communicate spatial information effectively.

59. Ans. B.

- The prize established, based on a donation from the Sveriges Riksbank in memory of Alfred Nobel is the Prize in Economics Sciences.

- The first Prize in Economic Sciences was awarded to Ragnar Frisch and Jan Tinbergen in 1969.

- The Prize in Economic Sciences is awarded by the Royal Swedish Academy of Sciences, Stockholm, Sweden, according to the same principles as for the Nobel Prizes that have been awarded since 1901.

60. Ans. B.

- On May 13, 1952, first sitting of Rajya Sabha takes place.

- The First Lok Sabha was constituted on 17 April 1952 after India's first general election.

- Dr. S Radhakrishnan, Chairman of the first Rajya Sabha session, talked about the Upper House on 13 May 1952.

- 13 May 1952, is remembered with pride and joy as the newly constituted "Council of States" sat together for the first time.

- This "Second Chamber" of the Parliament of India, was later named as the Rajya Sabha, on 23 August 1954.

- Since, India's independence in 1947, the government had a vision of creating a democratic infrastructure that would represent people from all walks of life and all ages.

- Creation of a Second Chamber, was also in sync with the ideals of bicameralism.

- Today, the Rajya Sabha is an important part of the Indian Parliament, that provides the necessary deliberations on important matters of the nation, with the Lok Sabha.

61. Ans. D.

- Tolkappiyam is a work on the grammar of the Tamil language and the earliest extant work of Tamil literature and linguistics.

- It is composed in the form of noorpaas or short formulaic compositions and comprises three books – the Ezhuttadikaram ("Eluthu" meaning letter), the Solladikaram ("Sol" meaning word) and the Poruladikaram ("Porul" meaning definition).

- Each of these books is further divided into nine chapters each. While the exact date of the work is not known, based on linguistic and other evidences, it has been dated variously between the 6th century and the 3rd century BCE.

- Some modern scholars prefer to date it not as a single entity but in parts or layers.[2] There is also no firm evidence to assign the authorship of this treatise to any one author.

62. Ans. C.

- K Vijay Raghavan has been appointed as Principal Scientific Advisor to the Government of India in 2018.

- He succeeds 81-year-old nuclear physicist R Chidambaram, who has been in the position for more than 16 years, having been appointed in 2001.

63. Ans. B.

Escape velocity of a rocket fired from the earth towards the moon is a velocity to get rid of the Earth's gravitational pull.

64. Ans. A.

- Catgut is usually made of Sheep. Catgut is a type of cord that is prepared from the natural fiber found in the walls of animal intestines. Catgut makers usually use sheep or goat intestines, but occasionally use the intestines of cattle, hogs, horses, mules, or donkeys.

65. Ans. A.

Friedrich Engels wrote the book Der Ursprung der Familie, des Privateigentums und des Staats / The Origin of the Family, Private Property, and the State. This book relates to It is partially based on notes by Karl Marx to Lewis H. Morgan's book Ancient Society.

66. Ans. B.

- Mesentery is the part of the human body reclassified as an organ due to research conducted in the past decade.

- Known as the mesentery, the new organ is found in our digestive systems, and was long thought to be made up of fragmented, separate structures.

- But recent research has shown that it's actually one, continuous organ

67. Ans. A.

- World's first 'negative emissions' power plant has been built in Iceland.

- The world's first negative emissions plant under the CarbFix Project to turn atmospheric carbon dioxide (CO₂) into stone has begun operations in Hellisheidi, Iceland.

- It is intended to lock away carbon dioxide by reacting it with basaltic rocks. Work on the project began in 2007.

CarbFix Project

- In it, the CO₂ is captured from ambient air, bound to water, and sent to more than 700 meters underground. There, the CO₂ reacts with the basaltic bedrock using enhanced weathering process and forms solid minerals, creating a permanent storage solution.

68. Ans. A.

- Women Entrepreneurship Platform was has been launched by the Union Government on the occasion of the 2018 International Women's Day.

- Government think tank Niti Aayog launched an entrepreneurship platform for women on the occasion of International Women's Day.

- The Niti Aayog launched its 'Women Entrepreneurship Platform' (WEP) on March 8, on the occasion of the International Women's Day.

- The theme of the 2018 International Women's Day is "The Time is Now: Rural and Urban Activists Transforming Women's Lives".

- The International Women's Day is celebrated on 8th March every year to highlight the achievements of women while calling for greater equality.

69. Ans. D.

- Pranab Mukherjee is the author of 'The Coalition Years 1996-2012'. This book

layout all the important events that takes place between the year 1996 and 2012.

70. Ans. C.

- NITI Aayog stands for National Institution for Transforming India.
- NITI Aayog is the policy think tank of the Government of India, established with the aim to achieve Sustainable Development Goals and to enhance cooperative federalism by fostering the involvement of State Governments of India in the economic policy-making process using a bottom-up approach.
- Mr. Amitabh Kant is presently posted as CEO, NITI Aayog (National Institution for Transforming India).
- Prime Minister of India Narendra Modi is the Chairperson of The NITI Aayog.
- NITI Aayog was established in 2015 as the successor to the Planning Commission.
- It was established by a resolution of Union Cabinet. It is neither a statutory nor a constitutional body.

71. Ans. A.

- In commemoration of Haymarket Affair, Chicago, is May 1 celebrated in many places as the International Workers' Day.
- In the late-19th century, socialists, communists and trade unionists chose May 1 to become International Workers' Day.
- The date was symbolic, commemorating the Haymarket affair, which took place in Chicago, in the United States, in 1886.

72. Ans. D.

- The National Social Security Board functioning under the Ministry of Labour and Employment is meant for recommending formulation of social security schemes for Unorganized Sector.
- As per the provisions of the Act, a National Social Security Board has been constituted for recommending formulation of social security schemes viz. Life and disability cover, health and maternity benefits, old age protection and any other benefit as may be determined by the Government for unorganized workers.

73. Ans. B.

- The scarcity definition of economics is credited to Lionel Robbins, was a British economist, and prominent member of the economics department at the London School of Economics.

• Robbins is famous for his definition of economics: "Economics is the science which studies human behaviour as a relationship between ends and scarce means which have alternative uses." ... Robbins succeeded Allyn Young in the chair of the London School of Economics in 1929.

74. Ans. B.

• Google Tez (Now known as Google Pay) is the digital payment app introduced by Google in 2017 for India.

• Tez was a mobile payments service by Google, targeted at users in India. It was rebranded to Google Pay on August 28, 2018.

• It operates atop the Unified Payments Interface, developed by the National Payments Corporation of India. It can be used where UPI payments are accepted.

75. Ans. A.

• China is the country that bullet trains with the highest operational speed.

• Beijing-Shanghai high speed train link the two megacities 1,318 km (819 mi) away in just 4.5 hours. By 2018, China keeps the world's largest high speed rail (HSR) network with a length totaling over 29,000 km (18,000 mi).

76. Ans. C.

• Harilal Jekisundas Kania became the Chief Justice of the Federal Court of India on 14 August, 1947.

• He was the chief justice of India from 1950 to 1951.

• Prior to holding the office at the Supreme Court of India, he was the Chief Justice of the Federal Court of India, the predecessor of the Supreme Court.

• He died in office.

77. Ans. A.

• Malaysia has the Energy Efficiency Services Limited, under the Ministry of Power, Government of India, launched the UJALA scheme in 2017.

• Under this scheme, each household in Melaka will get 10 high quality 9-watt LED bulbs at a cost of only RM 10, which is a

special price and is almost half of what in begin offered in the market.

- The distribution of these LED bulb will take place from 28 numbers of Japerun in the region. These Japerun are a unique community welfare and engagement centers, which are situated across the Melakan State.

- Hon'ble Prime Minister of India Sh. Narendra Modi on January 5, 2015 had launched the world's largest and most extensive LED distribution programme, UJALA (Unnat Jyoti by Affordable Lighting for All).

78. Ans. C.

- Directorate of Film Festivals is the organization that initiates and presents the National Film Awards in India.

- he Directorate of Film Festivals in India is an organization that initiates and presents the International Film Festival of India, the National Film Awards and the Indian Panorama.

79. Ans. A.

- In August 2017, eBay India was merged with Flipkart.

- With this, eBay.in will now be a Flipkart Group company.

- The deal was announced in April when the Flipkart group raised \$1.4 billion from global technology majors eBay, Tencent and Microsoft.

- In exchange of an equity stake in Flipkart, eBay had made a cash investment of \$500 million and sold its eBay.in business to Flipkart.

80. Ans. A.

- Cochin International Airport is the world's first fully Solar-powered Airport in India.

- Cochin International Airport is an international airport situated in the city of Kochi in the state of Kerala, India. Cochin International Airport became the first airport in the world to be fully powered by solar energy by commissioning a 12 MWp solar power plant.

81. Ans. D.

- Krishna Sobti, was an Indian Hindi-language fiction writer and essayist. The winner of Jnanpith Award 2017 was Krishna Sobti.

- The Jnanpith Award is an Indian literary award presented annually by the Bharatiya Jnanpith to an author for writing in Indian languages included in the Eighth Schedule to the Constitution of India and English.

82. Ans. C.

- The paintings of Ajanta caves primarily depict Jataka Tales.

- The Ajanta Caves are about 29 rock-cut Buddhist cave monuments which date from the 2nd century BCE to about 480 or 650 CE in Aurangabad district of Maharashtra state of India.

- Jataka stories are the scene of Buddha's previous births. Buddha both human and animal from and Manjusri is the manifestation of Buddha's wisdom are the some important paintings of Ajanta, whereas Apsaras are Ellora cave paintings.

83. Ans. A.

- Myanmar became the 8th member of South Asia Sub-regional Economic Cooperation (SASEC) program of Asian Development Bank (ADB).

- The South Asia Subregional Economic Cooperation (SASEC) program brings together Bangladesh, Bhutan, India, Maldives, Myanmar, Nepal, and Sri Lanka in a project-based partnership that aims to promote regional prosperity, improve economic opportunities, and build a better quality of life for the people of the subregion.

- SASEC countries share a common vision of boosting intraregional trade and cooperation in South Asia, while also developing connectivity and trade with Southeast Asia through Myanmar, to the People's Republic of China, and the global market.

84. Ans. C.

- The theme for 2018 World Wildlife Day is Big Cats: Predators under threat.

- The theme of World Wildlife Day 2019 is Life below water: for people and planet.

- United Nation General Assembly decided March 3rd as the day of adoption of Convention on The International Trade in Endangered Species of Wild Fauna and Flora (CITIES) as 'World Wildlife Day'.

- 'World Wildlife Day' was first held in 2015 all over the world.

85. Ans. C.

- Bob Beamon hold the world record for 23 years for Long Jump. Bob Beamon is an American former track and field athlete, best known for his world record in the long jump at the Mexico City Olympics in 1968.

86. Ans. A.

- Haryana has come up with a Water ATM policy in April 2018.

- The Haryana government has come up with a 'water ATM policy', to provide clean drinking water to people at public places in cities, state minister Kavita Jain said, on April 9, 2018.

87. Ans. B.

- The military operation which annexed Hyderabad into the Indian Union was code-named as Operation Polo. Operation Polo is the code name of the Hyderabad "police action" in September 1948, by the newly independent India against the Hyderabad State. It was a military operation in which the Indian Armed Forces invaded the Nizam-ruled princely state, annexing it into the Indian Union.

88. Ans. A.

- The Shape of Water won Best Movie Oscar Award 2018.

- The Shape of Water is a 2017 American romantic dark fantasy film directed by Guillermo del Toro and written by del Toro and Vanessa Taylor.

Note:

- The Academy Awards, commonly known as 'The Oscars' are presented by the Academy of Motion Picture Arts and Sciences (AMPAS). The 91st Academy Awards honoured the best films of 2018.

- The ceremony was held on February 24, 2019, at the Dolby Theatre in Hollywood, Los Angeles, California. AMPAS presented Academy Awards in 24 categories.

- "Green Book" won The Best Picture At The 91st Academy Awards.

- Alfonso Cuarón won the best director award for movie Roma.

- Olivia Colman won the best actress award for movie The Favourite.

- Rami Malek won the best actor award for movie Bohemian Rhapsody.

- Best Foreign Language film winner: Roma (Mexico)

- Best Documentary short subject winner: Period. End of Sentence

- Best Documentary (Feature) winner: Free Solo

89. Ans. B.

- The first woman Defence Minister of Independent India is Indira Gandhi, she was also the first Woman Prime Minister of India.

Note:

Indira Priyadarshini Gandhi was an Indian politician, stateswoman and a central figure of the Indian National Congress.

She was the first and, to date, the only female Prime Minister of India.

Indira Gandhi was the daughter of Jawaharlal Nehru, the first prime minister of India.

She served as Prime Minister from January 1966 to March 1977 and again from January 1980 until her assassination in October 1984, making her the second longest-serving Indian Prime Minister, after her father.

90. Ans. D.

- The motto of the Supreme Court of India is Yato Dharmastato Jayah.

- The Supreme Court is the supreme authority in India.

- At the base of the Indian National Emblem, the Indian National Motto "Satyameva Jayate", meaning "Truth alone will triumph", a mantra from the ancient Indian scripture Mundaka Upanishad has been inscribed in Devanagari script.

- The Indian National Emblem and the inscribed words "Satyameva Jayate" are printed on one side of all the Indian currency notes.

- India's National Emblem is the Asoka Chakra, adapted from the Lion capital of Asoka erected in the year 250 B.C., near Varanasi in Uttar Pradesh.

91. Ans. D.

The Fundamental Duties of citizens were added to the Constitution by the 42nd Amendment in 1976, upon the recommendations of the Swaran Singh Committee. India has taken the concept of Fundamental Duties from the USSR.

92. Ans. A.

Attorney General for India is the chief legal advisor to the Government of India. The present Attorney General is K. K. Venugopal.

93. Ans. B.

The eighth schedule includes the recognition of the following 22 languages:

1. Assamese
2. Bengali
3. Bodo
4. Dogri
5. Gujarati
6. Hindi
7. Kannada
8. Kashmiri
9. Konkani
10. Maithili
11. Malayalam
12. Meitei
13. Marathi
14. Nepali
15. Odia
16. Punjabi
17. Sanskrit
18. Santali
19. Sindhi
20. Tamil
21. Telugu
22. Urdu

94. Ans. B.

Panchayat samiti are rural local governments at the intermediate level in panchayat raj institutions.

95. Ans. B.

Article 51 'A', contained in Part IV A of the Constitution deals with Fundamental Duties. Fundamental Duties were inserted in the Constitution by the 42nd Amendment. There are 10 fundamental duties and right to join the Defense Forces is not a Fundamental duty.

96. Ans. C.

The 86th Constitutional Amendment inserted Article 21-A in the Constitution of India to provide free and compulsory education of all children in the age group of six to fourteen years as a Fundamental Right in such a manner as the State may, by law, determine.

The Right of Children to Free and Compulsory Education (RTE) Act, 2009,

was therefore enacted in furtherance to the purpose enshrined under Article 21-A.

97. Ans. A.

The constitutional duty of the State to provide legal aid to the poor since no one should be denied justice by reason of his poverty. R is the proper reasoning for the Assertion.

98. Ans. A.

The Bengal Sati Regulation banned the practice of Sati in all jurisdictions of British India was passed on December 4, 1829 by the then Governor-General **Lord William Bentinck**. Remember Raja Ram Mohan Roy was the person behind the move to abolish Sati.

99. Ans. B.

The principle states that "Nothing is an 'offence', if committed by a child below seven years". The facts mention that Adil is aged six and is below seven years, hence his act will not be construed as an offence.

100. Ans. C.

The proposed amendment aims to limit the powers of higher courts to hear appeals against conviction for the offence of Sedition. Right to appeal against a judgment passed by a court of law is a basic right of a convict. Judicial Review is a basic structure. The parliament cannot pass a law limiting the powers of a higher court to review decisions of lower courts, hence is violative of the basic structure doctrine.

The basic structure doctrine was laid down by the Supreme Court in Kesavananda Bharati case.

101. Ans. B.

Dr. **Sachidananda Sinha** was the first chairman of the Constituent Assembly. Later on, Dr. **Rajendra Prasad** was elected as the President and **HC Mookherjee** as its Vice-President.

102. Ans. B.

Sindhu was not aware of the fact that the men who were seeking to take his uncle into the car were police, as a normal prudent person he was exercising his right to private defense. Hence he cannot be held liable, and his action stands protected under the second principle.

103. Ans. D.

Admittedly supply of contraband substance is illegal, which was carried by Alok in his personal capacity. Furthermore while supplying/ carrying such contraband substance Alok was acting outside the course of employment hence employer (Verma) will not be responsible.

104. Ans. C.

The system of double government (dyarchy) was introduced by the Government of India Act (1919) for the provinces of British India.

105. Ans. B.

Please note: It is only Courts and the due process of law that can punish an individual for a violation of a law. The act of thrashing given by the people to Sajan does not amount to legal punishment

106. Ans. C.

The fact categorically mentions that Heema had the intention to purchase the bag, and therefore she asked her sister to purchase the bag for her from the local shop. As per the principle one who acts through another, acts himself, hence Heema should be held liable.

107. Ans. B.

As per the principle when damage is caused owing to breach of duty of care the same amounts to negligence. Admeately Saini fell down owing to the fact that Mistry leaving the ladder on a public road hence Mistry is liable for negligence.

108. Ans. B.

Every partner is liable alone and jointly with other partners for the debts of a partnership firm incurred for the business. The facts unambiguously mentions that Jaffar purchases a car for his personal purpose, since the car was bought for his personal use, the same will not bind the other partners liable.

109. Ans. B.

The fact that Sunil's father kept the car keys at a place which could be accessed by his son means that Sunil's father provided opportunity to his son to commit such a wrong. Hence, Sunil's father will be liable.

110. Ans. C.

The instant fact is an example of "Damnum Sine Injuria" - damage suffered without breach of a legal right and such claim of damage is not valid in court of law. In the absence of violation of a legal right there cannot be a claim in the eyes of law.

Ashutosh by starting a tuition Centre next to Gulshan's tuition Centre has not violated any legal right, hence Gulshan cannot claim any damages although he might have suffered loss to his revenue. [in this regard read Gloucester Grammar School Case]

111. Ans. C.

Providing blood samples does not amount to being a witness against yourself. Providing blood samples is a part of police investigation thus Ubaid is not protected by Article 20(3).

112. Ans. A.

Armed Forces (Special Powers) Act (AFSPA), is an act of the Parliament of India that grant special powers to the Indian Armed Forces the power to maintain public order in "disturbed areas".

113. Ans. D.

The principle states that people who are into the business of food operator must be registered with or licensed by the Food Safety and Standards Authority of India (FSSAI).

Kavita gifted sweets to her neighbors, who after consuming the same suffered food poisoning. As per the facts Kavita does not have a business of food operation thus she is not required to be registered with or have a licensed by the Food Safety and Standards Authority of India (FSSAI).

114. Ans. C.

agreement entered into by way of a wager/bet is unenforceable in law, the fact mentions "Raja and Hoja give him rupees thousand each to enable him to bet with others about the outcome of a cricket match" thus an agreement to bet is unenforceable, being a wager. Thus Raja and Hoja cannot claim the three lakh which Thomas has won out of betting.

115. Ans. C.

Audi alteram partem' is a principle of natural justice. It does not mean in the literal sense that one has to be heard. It simply means that before a punishment is given an opportunity is to be provided to the accused to lay down his defense. Thus it also means that the court must take measures to make the accused understand the allegations and also try to understand what the accused is wanting to say.

116. Ans. B.

Read the principle – the seller of a goods should have a title over the goods sold.

The fact that Jatin had given his watch to Mohit for repair means that Mohit is not the owner of the watch and that Mohit does not have a title over the watch thus cannot sell the watch.

117. Ans. B.

As per the principle Sunny cannot claim more than rupees five lakh. The fact mentions that sunny has already received a sum of rupees five lakh from X thus he cannot claim any amount from Y.

118. Ans. A.

The question is whether Saroj's legal right has been infringed or not? Admittedly she was prevented from voting thus his legal right to cast his vote stands violated, although the candidate she wanted to vote won the election thus has not suffered any damages.

Since saroj's legal right is infringed she has a right to claim compensation .

Damnum Sine Injuria (Damage without Injury) is when a damage suffered without breach of a legal right and such claim of damage is not valid.

119. Ans. C.

120. Ans. B.

As per the principle a shopkeeper cannot sell a product after the date of expiry is over. The shopkeeper was trying to sell a packet of milk after the date of expiry is over, which he cannot do as per the principle.

121. Ans. B.

Any unlawful interference with a person's enjoyment of his land or some rights over or in connection with it amounts to Nuisance. The fact that Ashok plays his radio so loudly throughout the day and on

a daily basis for which reason Raju is unable to listen to his favourite TV show in his home, the said action of Ashok is causing nuisance to Raju.

122. Ans. A.

Agreements in restraint of trade are void and unenforceable, the fact that an agreement was entered to restrain Somu from working as a goldsmith is nothing but an agreement to restraint trade, hence the agreement is void.

123. Ans. C.

FIR stands for First Information Report. The procedure for filing an FIR is enumerated under Section 154 of the Criminal Procedure Code, 1973.

124. Ans. C.

Use of mobile phone in any form, whether it be calling, texting, or other use while driving is punishable under the Motor Vehicles Act.

125. Ans. D.

According to the principle a person is liable to compensate the person who has suffered harm owing to the escape of inherently dangerous material that he has brought upon his land. The fact that Ankit lighted bonfire (inherently dangerous material) which escaped from his land and that due to the escape of the dangerous material his neighbor suffers harm. Hence, Ankit is liable under the principle.

126. Ans. C.

As per the principle every partner is an agent for every other partner and will hence be able to bind them by his act, within the business of partnership.

The fact that Ram bought rise during the course of business, so Shyam will be held liable.

127. Ans. B.

One who is charged with representing the interests of the public by investigating and addressing complaints of maladministration or a violation of rights. A Lokpal is an anti-corruption authority or body of ombudsman who represents the public interest in the India. The current Chairperson of Lokpal is Pinaki Chandra Ghose.

128. Ans. C.

Ministry of Road Transport and Highways, Govt. of India is given the work to notify guidelines for the protection of persons assisting accident victims on Indian roads.

129. Ans. C.

The Universal Declaration of Human Rights was proclaimed by the United Nations General Assembly in Paris on 10 December 1948, as a common standard of achievements for all peoples and all nations. It sets out, for the first time, fundamental human rights to be universally protected.

130. Ans. B.

The second conclusion "Asking a lady inappropriate questions about her personal life is violative of the principle stated" follows the principle enumerated above. Since Asking a lady inappropriate questions about her personal life is derogatory to the dignity of women.

131. Ans. C.

BOTH the conclusions follow the principle. Both the conclusions states situations where punishment has been awarded undesirably to the accused.

132. Ans. C.

Since necessity knows no bar, thus act of the captain throwing some cargo into the ocean to save the ship and act of a tourist killing a tiger when it was attacking a villager is protected under the principle.

133. Ans. C.

Since Justice delayed is justice denied, and the fact that there are More than 3 crore cases are pending in the Indian Courts, thus Cases must be disposed off within a reasonable time.

134. Ans. C.

If B inquires about the alleged theft committed by A, it will be hit by the principle that one should not be a judge in his own cause. Hence, B should not conduct the enquiry.

135. Ans. C.

Since justice should not only be done, but also seen to be done, in case L hears the matter general public might raise allegation of bias, since L owns shares in the company. Hence, L should refrain from hearing.

136. Ans. B.

A person is responsible for the damage caused owing to escape of hazardous substance. There is an escape of liquid ammonia which is evidently a hazardous substance which has led to causing damage. Hence as per the principle A should be held responsible for the escape of liquid ammonia from his industry.

137. Ans. A.

According to the principle if a person is unheard of for a period of seven years he is *presumed* to have died. A was not heard of for 8 years so he will be considered dead in the eyes of law and hence cannot claim property.

138. Ans. D.

It is essential to accept the gift deed during the lifetime of the donor. The fact that Sooraj did not accept the gift deed during the lifetime of the donor, the said gift deed would stand cancelled thus the property of Amit would be distributed among his children.

139. Ans. A.

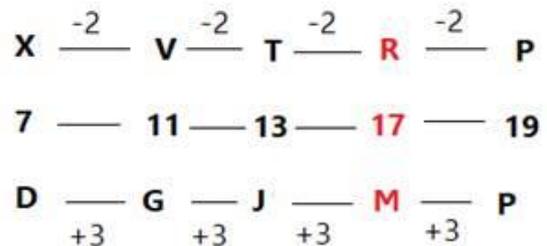
Rights given under a statute passed by the parliament is called a Statutory Right. The best answer among the given options is Legal Right, since Right to information can be enforced under law.

140. Ans. A.

Transplantation of Human Organs Act, was passed in 1994 and was aimed at regulation of removal, storage, and transplantation of human organs for therapeutic purposes and for prevention of commercial dealings in human organs.

141. Ans. B.

The solution is as follows -



The numbers given in the above series are Prime Numbers in ascending order. Hence, option B is correct.

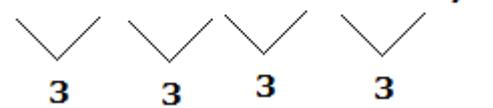
142. Ans. D.

The pattern can be related as –

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$$9 \div 3 \div 1 \div 1/3 \div 1/9$$



The missing number in the sequence is 1 because if we divide consecutive numbers then answer is 3. Hence, option D is correct.

143. Ans. D.

Flute, Clarinet and saxophone are Woodwind instruments, while violin is not.

The violin is a wooden string instrument. Hence, option D is correct.

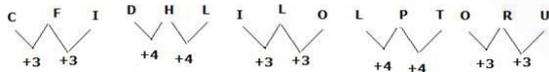
Note:

* Woodwind instruments are a family of musical instruments within the more general category of wind instruments.

* Common examples are - flute, oboe, clarinet, bassoon, and saxophone.

144. Ans. A.

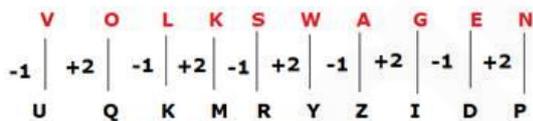
The pattern is as follows



Hence, the correct option is A.

145. Ans. D.

The pattern is as follows



Following the same pattern, the code is



Hence, option D is correct.

146. Ans. C.

The sequence of the teams in descending order is as follows

* Yogesh > Suresh > Mahesh > Mukesh.

* Suresh's team is at the second place in the descending order of scores.

Hence, the correct option is C.

147. Ans. D.

Dialogue is not a necessarily a part of movie. Movie without dialogue is possible. It is impossible to make

movie without scene, video and duration.

* The silent movie made in India was Raja Harishchandra. It is directed and produced by Dadasaheb Phalke in 1913.

* Charlie Chaplin movies are the perfect example of movie without dialogue.

148. Ans. D.

* As per the given criteria, only Rakesh is qualified to be a doctor. Rakesh studied medicine and also practiced for two years. So, he is definitely a doctor.

* It is not confirmed that Kumar Sharma is definitely a doctor as there is no information regarding his educational qualification is given in the statement.

* There is not any statement given about Shalini's educational qualification. So, we cannot say that Shalini is a doctor.

* Therefore, we can conclude that only Rakesh is a doctor.

Hence, option D is correct.

149. Ans. C.

Vidya uses the Mahindra Car.

Divya	Anu	Vidya	Keerthi	Maya
Ford	Chevrolet	Mahindra	Tata	Toyota
Manohar	Tilak	Venkat	Ravi	Prasanth
Skoda	Nissan	Honda	Fiat	Maruti

Common Solution -

The statement "Tilak does not sit at any of the extremes, but sits opposite the friend who uses a Chevrolet car, and is sitting adjacent to Divya and the friend who uses a Mahindra car", contradicts the given data that Tilak and Divya are sitting in different rows. By considering "who is" in place of "and is" we get the following solution:

Manohar sits at one of the extreme ends but the person who uses Honda car sits second to the right of him. So, Manohar sits at the extreme left end. The person who uses ford car sits opposite Manohar. Venkat sits exactly in the middle of Ravi and the friend who uses Nissan car. So, Venkat definitely uses Honda car and Ravi and the person who uses Nissan car sits adjacent to him. Tilak does not sit at any of the extreme ends. So, Tilak uses Nissan car.

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Hence, Prasanth sits at the extreme right end. Keerthi does not sit at any extreme ends but sits opposite the friend who uses a Fiat car. The one who uses a Maruthi car sits opposite the friend who is to the immediate left of Keerthi. Hence, we can say that Keerthi sits second to the left end. Prasanth uses Maruthi car.

The person who sits opposite Keerthi is Ravi who uses Fiat car. The person who uses Chevrolet car sits opposite Tilak. The persons who uses Chevrolet car sits adjacent to Divya and the friend who uses Mahindra car.

Therefore, we can say that Divya uses Ford car. Vidya neither uses Chevrolet nor Toyota cars.

Therefore she uses Mahindra car. As Anu does not use Toyota car. So, she uses Chevrolet. Hence, we can say that Manohar uses Skoda car and Maya uses Toyota car. The final arrangement is as follows:

150. Ans. B.

Keerthi is three places away from the one who uses the Ford car.

Divya	Anu	Vidya	Keerthi	Maya
Ford	Chevrolet	Mahendra	Tata	Toyota
Manohar	Tilak	Venkat	Ravi	Prasanth
Skoda	Nissan	Honda	Fiat	Maruti

151. Ans. B.

Maya sits third to the left of the one who uses the Chevrolet.

Divya	Anu	Vidya	Keerthi	Maya
Ford	Chevrolet	Mahendra	Tata	Toyota
Manohar	Tilak	Venkat	Ravi	Prasanth
Skoda	Nissan	Honda	Fiat	Maruti

152. Ans. D.

Mahindra does not belong to the group.

Divya	Anu	Vidya	Keerthi	Maya
Ford	Chevrolet	Mahendra	Tata	Toyota
Manohar	Tilak	Venkat	Ravi	Prasanth
Skoda	Nissan	Honda	Fiat	Maruti

153. Ans. A.

Toyota is the car used by Maya.

Divya	Anu	Vidya	Keerthi	Maya
Ford	Chevrolet	Mahendra	Tata	Toyota
Manohar	Tilak	Venkat	Ravi	Prasanth
Skoda	Nissan	Honda	Fiat	Maruti

154. Ans. D.

* Six persons are standing ahead of my friend.

* A person (say A) is standing exactly between me and my friend. There are 22 persons ahead of A.

* Hence, we can say that there are 15 persons between A and my friend. Similarly, there are 15 persons between me and A.

* Hence, there are 38 persons ahead of me.

* So, my position in the queue is 39th.

* Hence, D is the correct option.

155. Ans. B.

Course of Action II follows.

The reason is as follows -

* There will be a mitigating effect, when the students will have to pay the entire cost of their education.

* Hence, option B is correct answer.

156. Ans. B.

* Course of Action II follows - I. Government should take steps to create awareness among the public about road safety.

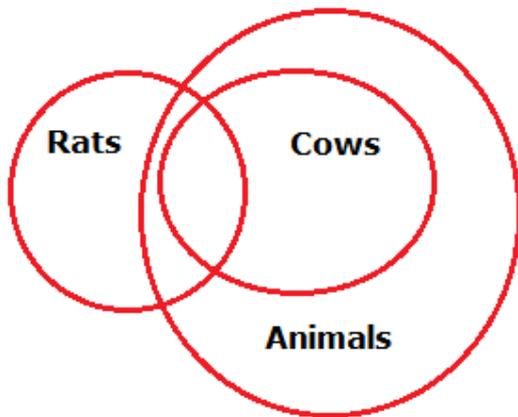
* In the statement, the only concern is that the fatalities in road accident has increased in 2016 as compared to 2015.

* Since, there is no mention of any particular reason of these accidents. So, we can eliminate (I), (III) and (IV).

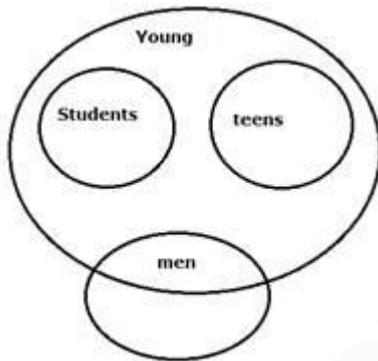
* Hence, option B is correct answer.

157. Ans. B.

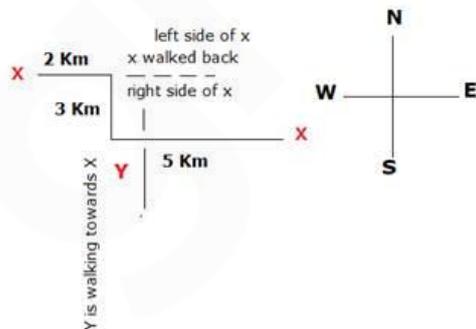
The diagram for the given statement is as follows:



Conclusion I do not follow.
 Conclusion II follows.
 Hence, option B is correct.
 158. Ans. B.
 The diagram for the given statement is as follows:



Conclusion I do not follow
 Conclusion II & III follows
 159. Ans. C.
 The figure for the above statement is given below:



It is clear by the figure is that Y is travelling to towards North direction.
 Hence, option C is correct.
 160. Ans. B.
 The logic behind the coding is as follows

* December month has eight letters, so the code for the December will be the eighth month which is August.
 * Similarly, we can see that the number of letters in the word corresponds to the respective month in the calendar year.
 * Since, June has four letters, so, June will be April, which is the fourth month.
 * Hence, option B is correct.
 161. Ans. C.

Orthopaedist, Ophthalmologist, Neurosurgeon, Plastic surgeon

Common Solution
 * The ophthalmologist goes for his rounds before the surgeons. So, his visiting time will be 9:50 AM.
 * Since, it cannot be PM, otherwise he/she has to be the last doctor to visit.
 * From this we can say that the neurosurgeon visited at 7:45 PM and the plastic surgeon visited at 9:15 PM.
 * Since, ophthalmologist is not the first person to visit the patient. So, we can say that he/she has visited at 8:30 AM. Hence, the correct sequence of their visit is orthopaedist, ophthalmologist, neurosurgeon and then plastic surgeon.
 162. Ans. A.

Neurosurgeon and Plastic surgeon were the doctors to visit the patient in the evening.

The neurosurgeon and the plastic surgeon visited at 7:45 pm and 9:15 pm respectively.

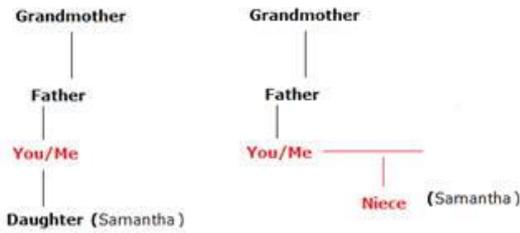
Common Solution
 * The ophthalmologist goes for his rounds before the surgeons. So, his visiting time will be 9:50 AM.

* Since, it cannot be PM, otherwise he/she has to be the last doctor to visit.
 * From this we can say that the neurosurgeon visited at 7:45 PM and the plastic surgeon visited at 9:15 PM.
 * Since, ophthalmologist is not the first person to visit the patient. So, we can say that he/she has visited at 8:30 AM. Hence, the correct sequence of their visit is orthopaedist, ophthalmologist, neurosurgeon and then plastic surgeon.
 163. Ans. A.

The figure of the above statement is given below

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The Samantha can be either daughter or niece. In option only niece is there, so the option A is correct.

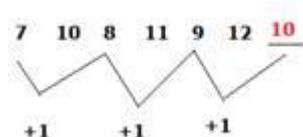
164. Ans. B.

The pattern is as follows

$$7 + 1 = 8$$

$$8 + 1 = 9$$

$$9 + 1 = 10$$



$$10 + 1 = 11$$

$$11 + 1 = 12$$

Hence, option B is correct.

165. Ans. B.

Q and S follows the above mentioned selection criteria.

Q and S have knowledge in law. So, both of them can be selected as the two District Judges.

Hence, option B is correct.

166. Ans. A.

Vulture, Eagle and Owl are birds, but Bat is a mammal.

* Bats are mammals and not birds because they feed their young one's milk from mammary glands. Birds do not do that.

* Bats do not flap their entire forelimbs, like birds, but instead flap their spread out digits which are very long.

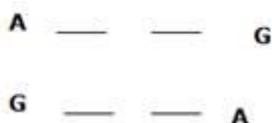
Hence, option A is correct.

167. Ans. A.

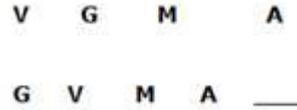
Vishal will be standing at the 2nd position from the right in the photograph

Common solution

From (iv), we get two arrangements



From (ii), we can say that case (i) is eliminated. From (iii), we get two sub-cases:



From (ii), since Gaurav stands to the left of Vishal and Sapna. We can eliminate case (ii a). Hence, we get the final arrangement as follows



168. Ans. C.

Mansi stands to the left of Anirudh.

Common solution

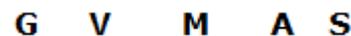
From (iv), we get two arrangements



From (ii), we can say that case (i) is eliminated. From (iii), we get two sub-cases:



From (ii), since Gaurav stands to the left of Vishal and Sapna. We can eliminate case (ii a). Hence, we get the final arrangement as follows



169. Ans. A.

* Sphygmomanometer is used to measure Blood Pressure.

* Similarly, Pyrometer is used to measure temperature.

* A pyrometer is a type of remote-sensing thermometer used to measure the temperature of a surface. Various forms of pyrometers have historically existed.

170. Ans. C.

* Between 11'O clock and 1'O clock the hour hand and the minute hand overlap only once i.e., 12 noon.

* The hour hand and the minute hand will definitely overlap each other once in each

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hour. In total they will overlap for seven times.

Hence, option C is correct.

171. Ans. A.

* Police station is odd one out among the given options.

* Police Station is the place where people never wants to go deliberately.

* Hence, option A is correct.

172. Ans. B.

* Nowhere the author has stated that Feminism is ruling. Rather he is talking the opposite.

* Option B is the valid point. The author wants to make as still we have not achieved equality of men and women.

* Statement C is completely out of context.

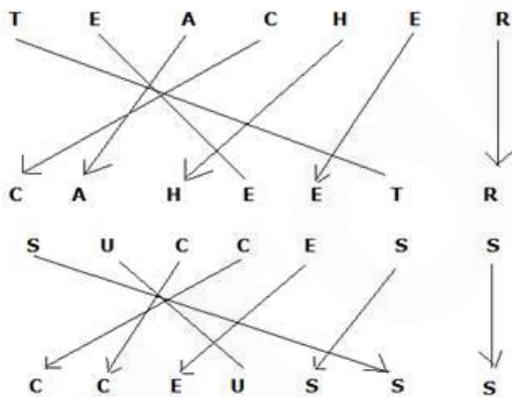
* Option D is not what the author claims by his statement.

The paragraph best supports the statement - Equality of men and women is still a myth.

* Hence, option B is correct.

173. Ans. B.

The diagram of the above coding is as follows



174. Ans. A.

Shweta gifted watch.

The final arrangement is as follows:

Name of Friends	Gift given	Return gift received
Ritwik	Video Game	bag
Avantika	Shirt	diary
Darshan	Headphones	pen
Parul	Jacket	goggles
Shweta	Watch	Mobile case

Common solution -

* Avantika gifted Chetan a shirt and Shweta received a mobile case as a return gift from Chetan.

* From (iii), neither Ritwik nor Darshan gifted Chetan a jacket, but the person who gifted Chetan a jacket received a goggles as a return gift.

* Hence, this person should be Parul.

* From (ii) and (iv), Shweta gifted neither a headphone nor a video game. Therefore, Shweta gifted a watch.

* Both Ritwik and Darshan gifted a headphone and a video game in any order. From (v), Darshan received a pen in return.

* Therefore, from (iv) he did not gift Chetan a videogame. Hence, he gifted a headphone and Ritwik gifted a video game. Since, Avantika did not receive a bag in return.

* So, Ritwik received a bag in return and Avantika received a diary in return.

175. Ans. C.

Parul received goggles as a return gift.

The final arrangement is as follows:

Name of Friends	Gift given	Return gift received
Ritwik	Video Game	bag
Avantika	Shirt	diary
Darshan	Headphones	pen
Parul	Jacket	goggles
Shweta	Watch	Mobile case

Common solution -

* Avantika gifted Chetan a shirt and Shweta received a mobile case as a return gift from Chetan.

* From (iii), neither Ritwik nor Darshan gifted Chetan a jacket, but the person who gifted Chetan a jacket received a goggles as a return gift.

* Hence, this person should be Parul.

* From (ii) and (iv), Shweta gifted neither a headphone nor a video game. Therefore, Shweta gifted a watch.

* Both Ritwik and Darshan gifted a headphone and a video game in any order. From (v), Darshan received a pen in return.

* Therefore, from (iv) he did not gift Chetan a videogame. Hence, he gifted a headphone and Ritwik gifted a video

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game. Since, Avantika did not receive a bag in return.

* So, Ritwik received a bag in return and Avantika received a diary in return.

176. Ans. B.

Ritwik – video game combination is correct.

The final arrangement is as follows:

Name of Friends	Gift given	Return gift received
Ritwik	Video Game	bag
Avantika	Shirt	diary
Darshan	Headphones	pen
Parul	Jacket	goggles
Shweta	Watch	Mobile case

Common solution –

* Avantika gifted Chetan a shirt and Shweta received a mobile case as a return gift from Chetan.

* From (iii), neither Ritwik nor Darshan gifted Chetan a jacket, but the person who gifted Chetan a jacket received a goggles as a return gift.

* Hence, this person should be Parul.

* From (ii) and (iv), Shweta gifted neither a headphone nor a video game. Therefore, Shweta gifted a watch.

* Both Ritwik and Darshan gifted a headphone and a video game in any order. From (v), Darshan received a pen in return.

* Therefore, from (iv) he did not gift Chetan a videogame. Hence, he gifted a headphone and Ritwik gifted a video game. Since, Avantika did not receive a bag in return.

* So, Ritwik received a bag in return and Avantika received a diary in return.

177. Ans. C.

Darshan gifted headphones.

The final arrangement is as follows:

Name of Friends	Gift given	Return gift received
Ritwik	Video Game	bag
Avantika	Shirt	diary
Darshan	Headphones	pen
Parul	Jacket	goggles
Shweta	Watch	Mobile case

Common solution –

* Avantika gifted Chetan a shirt and Shweta received a mobile case as a return gift from Chetan.

* From (iii), neither Ritwik nor Darshan gifted Chetan a jacket, but the person who gifted Chetan a jacket received a goggles as a return gift.

* Hence, this person should be Parul.

* From (ii) and (iv), Shweta gifted neither a headphone nor a video game. Therefore, Shweta gifted a watch.

* Both Ritwik and Darshan gifted a headphone and a video game in any order. From (v), Darshan received a pen in return.

* Therefore, from (iv) he did not gift Chetan a videogame. Hence, he gifted a headphone and Ritwik gifted a video game. Since, Avantika did not receive a bag in return.

* So, Ritwik received a bag in return and Avantika received a diary in return.

178. Ans. A.

The combination of Avantika – Diary is correct.

The final arrangement is as follows:

Name of Friends	Gift given	Return gift received
Ritwik	Video Game	bag
Avantika	Shirt	diary
Darshan	Headphones	pen
Parul	Jacket	goggles
Shweta	Watch	Mobile case

Common solution –

* Avantika gifted Chetan a shirt and Shweta received a mobile case as a return gift from Chetan.

* From (iii), neither Ritwik nor Darshan gifted Chetan a jacket, but the person who gifted Chetan a jacket received a goggles as a return gift.

* Hence, this person should be Parul.

* From (ii) and (iv), Shweta gifted neither a headphone nor a video game. Therefore, Shweta gifted a watch.

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* Therefore, from (iv) he did not gift Chetan a videogame. Hence, he gifted a headphone and Ritwik gifted a video

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game. Since, Avantika did not receive a bag in return.

* So, Ritwik received a bag in return and Avantika received a diary in return.

179. Ans. B.

The one who received the bag in return, gifted Video Game.

The final arrangement is as follows:

Name of Friends	Gift given	Return gift received
Ritwik	Video Game	bag
Avantika	Shirt	diary
Darshan	Headphones	pen
Parul	Jacket	goggles
Shweta	Watch	Mobile case

Common solution -

* Avantika gifted Chetan a shirt and Shweta received a mobile case as a return gift from Chetan.

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* Therefore, from (iv) he did not gift Chetan a videogame. Hence, he gifted a headphone and Ritwik gifted a video game. Since, Avantika did not receive a bag in return.

* So, Ritwik received a bag in return and Avantika received a diary in return.

180. Ans. B.

The most logical sequence of the above expressions is as follows:

Need ---- Identify ----- Research -----
Design ----- Testing ----- Launching

Hence, option B is correct.

181. Ans. D.

$$\frac{\left(1\frac{29}{36} + 4\frac{1}{8} \times 1\frac{7}{11}\right) \div \left(5\frac{1}{9} - 7\frac{7}{8} \div 9\frac{9}{20}\right)}{3\frac{1}{5} \div \frac{9}{2} \text{ of } 5\frac{1}{3}} = \frac{\left(\frac{65}{36} + \frac{33}{8} \times \frac{18}{11}\right) \div \left(\frac{46}{9} - \frac{63}{8} \div \frac{189}{20}\right)}{\frac{16}{5} \div \left(\frac{9}{2} \times \frac{16}{3}\right)}$$

$$\frac{\left(\frac{65}{36} + \frac{54}{8}\right) \div \left(\frac{46}{9} - \frac{63}{8} \times \frac{20}{189}\right)}{\frac{16}{5} \times \frac{1}{24}} = \frac{\left(\frac{77}{9}\right) \times \frac{18}{77}}{\frac{2}{15}} = \frac{2 \times 15}{2} = 15$$

182. Ans. B.

On comparing fractions $\frac{42}{491}$ and $\frac{30}{313}$
 $(42 \times 313) < (491 \times 30)$

$$\frac{42}{491} < \frac{30}{313}$$

On comparing fractions $\frac{42}{491}$ and $\frac{35}{367}$
 $(42 \times 367) < (491 \times 35)$

$$\frac{42}{491} < \frac{35}{367}$$

On comparing fractions $\frac{30}{313}$ and $\frac{35}{367}$
 $(30 \times 367) > (313 \times 35)$

$$\frac{30}{313} > \frac{35}{367}$$

On, combining, we get

$$\frac{42}{491} < \frac{35}{367} < \frac{30}{313}$$

183. Ans. C.

The greatest number of 4 digits is 9999 and the LCM of 15, 20 and 28 is 420

When we divide 9999 by 420, we get 23 as quotient and 339 as remainder.

$$\text{So, } x = (9999 - 339) \div 420 = 23$$

∴ The required answer = 9 + 6 + 6 + 2 = 23

184. Ans. B.

$$\frac{0.1216 \times 0.105 \times 0.0002}{0.625 \times 0.08512 \times 0.039 \times 0.16} = \frac{1216 \times 105 \times 2}{625 \times 8512 \times 39 \times 0.16} = \frac{1}{130}$$

∴ The required answer = $\frac{1}{65} - \frac{1}{130} = \frac{1}{130}$

185. Ans. A.

$$13903 - 13511 = 392 \text{ and } 14589 - 13903 = 686$$

The greatest number (n) = HCF of 392 and 686 = 98

When we divide 13511 by 98, then the remainder (m) = 85

$$\text{Hence, the answer} = m + n = 98 + 85 = 183$$

186. Ans. A.

In the quadrilateral ABCD, A + B + C + D = 360°

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So, $A + B = 360^\circ - (C + D)$
 $\Rightarrow \frac{A}{2} + \frac{B}{2} = 180^\circ - \frac{C+D}{2}$ ----- (1)
 In triangle ABP
 $\frac{A}{2}$
 $\angle BAP = \frac{A}{2}$ (It is the bisector of angle A)
 $\frac{B}{2}$
 $\angle ABP = \frac{B}{2}$ (It is a bisector of angle B)
 $\frac{A}{2} + \frac{B}{2}$
 So, $\frac{A}{2} + \frac{B}{2} + \angle APB = 180^\circ$ -----(2)
 Now putting the value from (1) to (2), we get

$\frac{C+D}{2}$
 $180^\circ - \frac{C+D}{2} + \angle APB = 180^\circ$
 $\frac{60^\circ + 100^\circ}{2}$
 $\Rightarrow \angle APB = \frac{2}{2} = 80^\circ$
 187. Ans. C.
 Let her original salary = 100, then
 Original saving = 10 and original expenditure = 90
 New expenditure = 90 + 30% of 90 = 90 + 27 = 117
 New saving = 10 + 50% of 10 = 10 + 5 = 15
 New total salary = 117 + 15 = 132
 Hence, the percent increase in her salary = $132 - 100 = 32\%$.

188. Ans. B.

A.T.Q,
 $\frac{P(1 + \frac{R}{100})^3}{P(1 + \frac{R}{100})^2} = \frac{10648}{9680}$
 $\frac{R}{100} = \frac{11}{10}$
 $\Rightarrow (1 + \frac{R}{100}) = \frac{11}{10}$
 $\Rightarrow R = 10\%$

$\frac{2}{15} = 10 + 10$
 $\frac{2}{100} \times \frac{10 \times (10 \times \frac{2}{5})}{100} = 14.4\%$
 \therefore The total amount = 8000 + 14.04% OF 8000 = 8000 + 1152 = Rs.9152

189. Ans. D.

Let the cost price of an article is Rs. 100, then
 Marked price = 100 + 20% of 100 = Rs. 120

Selling price = 120 \times 0.85 = Rs. 102
 \therefore The gain percent = $102 - 100 = 2\%$.

190. Ans. A.

Let the cost price of the article for Reshma is Rs. X

Selling price of Reshma and cost price for Rekha = 1.375X

Selling price for Rekha and Cost price for Madhu = 1.5X

Selling price for Madhu and cost price for Mitu = 1.125X

1.125X = 342 (Mitu pays Rs.342)

$\therefore X = 342/1.125 = \text{Rs. } 304$

Alternate Method:

	CP	SP	
Reshma	8	8 + 3 = 11	(37.5% = $\frac{3}{8}$ profit)
Rekha	11	11 + 1 = 12	(9 $\frac{1}{11}$ % = $\frac{1}{11}$ profit)
Madhu	4	4 - 1 = 3	(25% = $\frac{1}{4}$ loss)
	$\frac{8 \times 11 \times 4}{8}$	$\frac{11 \times 12 \times 3}{9}$	
	= 44	= 44	

If CP of Reshma is 8, then SP of Madhu or CP of Mitu = 9

According to question

9 \equiv Rs. 342

$\Rightarrow 1 \equiv \text{Rs. } 38$

\therefore CP of Reshma = 8 $\equiv \text{Rs. } 38 \times 8 = \text{Rs. } 304$

191. Ans. C.

Given, average of weight of X original children + 5 new children = average of weight of X original children + 10 new children

$$\frac{20X + 12 \times 5}{20X + 60} = \frac{20X - 21 \times 10}{20X - 210}$$

$$\frac{X + 5}{20X + 60} = \frac{X - 10}{20X - 210}$$

$$\Rightarrow X + 5 = X - 10$$

$$\Rightarrow (20X + 60)(X - 10) = (20X - 210)(X + 5)$$

$$\Rightarrow 20X^2 + 60X - 200X - 600 = 20X^2 - 210X + 100X - 1050$$

$$\Rightarrow 30X = 450$$

$$\Rightarrow X = 15$$

192. Ans. B.

193. Ans. B.

Let 1 man can do m units of work in 1 day and 1 woman can do w units of work in 1 day and x be the required number of days, then

According to question,

$$\text{Total work} = (12m + 5w) \times 2 = (4m + 3w) \times 5 = 8m \times x$$

$$(12m + 5w) \times 2 = (4m + 3w) \times 5$$

$$\Rightarrow 24m + 10w = 20m + 15w$$

$$\Rightarrow 4m = 5w$$

$$\text{Also, } (4m + 3w) \times 5 = 8m \times x$$

$$\Rightarrow 20m + 15w = 8m \times x$$

$$\Rightarrow 20m + 12m = 8m \times x$$

$$\Rightarrow 32m = 8m \times x$$

$$\Rightarrow x = 4$$

194. Ans. A.

Let $A = B = 20$, then

If A increases by 100%, then the new value of A will be 40

Given, A and B are inversely proportional to each other

$$\therefore A \times B = \text{Constant}$$

$$\Rightarrow 20 \times 20 = 40 \times \text{New B}$$

$$\Rightarrow \text{New B} = 400/40 = 10$$

$$\therefore \text{The required percentage decrease} = \frac{20-10}{20} \times 100 = 50\%.$$

195. Ans. D.

Till 7 a.m., pipe A opened for 3 hours, B for 2 hours and C for 1 hour

Till 7 a.m., part of tank filled by pipe A, B

$$\frac{3}{15} + \frac{2}{20} + \frac{1}{30} = \frac{1}{3}$$

$$\text{and } C = \frac{1}{15} + \frac{2}{20} + \frac{1}{30} = \frac{2}{3}$$

So, pipes A, B, C and D together takes x

more hours to fill remaining $1 - \frac{1}{3} = \frac{2}{3}$ part of tank, then

$$\frac{x}{15} + \frac{x}{20} + \frac{x}{30} + \frac{x}{60} = \frac{2}{3}$$

$$\Rightarrow 6 = 3$$

$$\Rightarrow x = 4$$

\therefore The required time = 7 a.m. + 4 hours = 11:00 a.m.

196. Ans. C.

Let distance = 120 km (40×3), then

$$\text{Time taken} = \frac{\text{distance}}{\text{speed}} = \frac{120}{40} = 3 \text{ hours}$$

He covered half the journey = $\frac{120}{2} = 60$

km in $\frac{2}{3}$ of time = $3 \times \frac{2}{3} = 2$ hours

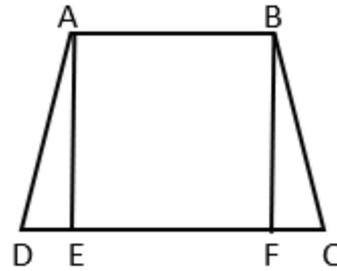
Now, he has to cover the remaining half

the journey ($120 - 60 = 60$ km) in remaining time ($3 - 2 = 1$ hours)

$$\therefore \text{The required speed} = \frac{\text{distance}}{\text{time}} = \frac{60}{1} = 60 \text{ km/h}$$

197. Ans. B.

Let $ABCD$ be trapezium,



Given, $AB = 10$ m, $CD = 25$ m, $BC = 13$ m, $AD = 14$ m, then

$$EF = AB = 10 \text{ m}$$

Let $DE = x$ m and $AE = BF = h$ m, then

$$FC = DC - EF - DE = 25 - 10 - x = (15 - x) \text{ m}$$

In right angled triangle ADE

$$AE^2 = AD^2 - DE^2$$

$$h^2 = 14^2 - x^2 \dots\dots (i)$$

In right angled triangle BCF

$$BF^2 = BC^2 - FC^2$$

$$h^2 = 13^2 - (15 - x)^2 \dots\dots (ii)$$

From equation (i) and (ii), we get

$$14^2 - x^2 = 13^2 - (15 - x)^2$$

$$\Rightarrow 14^2 - 13^2 = x^2 - (15 - x)^2$$

$$\Rightarrow x = 8.4$$

From equation (i), we get

$$h^2 = 14^2 - x^2 = 14^2 - 8.4^2 = 125.44$$

$$\Rightarrow h = 11.2$$

$$\therefore \text{Area of trapezium} = \frac{1}{2} [\text{sum of parallel sides} \times \text{height}] = \frac{1}{2} \times [(25 + 10) \times 11.2]$$

$$= 196 \text{ m}^2$$

198. Ans. A.

$$x^2(a - b) + a^2(b - x) + b^2(x - a)$$

$$= x^2a - x^2b + a^2b - a^2x + b^2x - b^2a$$

$$= (x^2a - b^2a) + (b^2x - x^2b) + (a^2b - a^2x)$$

$$= -a(b - x)(b + x) + xb(b - x) + a^2(b - x)$$

$$= (b - x)(xb + a^2 - ax - ab)$$

$$= (b - x)\{-x(a - b) + a(a - b)\}$$

$$= (a - b)(x - a)(x - b)$$

199. Ans. C.

When three fair dice are thrown, then

$$\text{Total number of events} = 6 \times 6 \times 6 = 216$$

Number of events of getting a total of less than 6 (event of getting a total of 3, 4 or 5) = 10

[i.e. (1, 1, 1), (1, 1, 2), (1, 2, 1), (2, 1, 1), (1, 1, 3), (1, 3, 1), (3, 1, 1), (1, 2, 2), (2, 1, 2), (2, 2, 1)]

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Probability of getting a total of at least 6
= 1 - Probability of getting a total of less than 6

$$= 1 - \frac{10}{216} = 1 - \frac{5}{108} = \frac{103}{108}$$

200. Ans. B.

5 faces visible for 1 dice (topmost in top layer), so the maximum possible sum of numbers

$$= 6 + 5 + 4 + 3 + 2 = 20$$

4 faces visible for 2 dice (right most in 2nd and 3rd layers) in which 2 faces are opposite faces, so the maximum possible sum of numbers = $2[6 + 5 + (4 + 3)] = 36$

3 faces visible for 2 dice (left most in 2nd and 3rd layers) in which 2 faces are opposite faces, so the maximum possible sum of numbers = $2[6 + (5 + 2)] = 26$

2 faces visible for 1 dice (middle in the 3rd layers) in which both faces are opposite faces, so the maximum possible sum of numbers = $6 + 1 = 7$

Hence, the total sum = $20 + 36 + 26 + 7 = 89$

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