



Choose the correct answer from the four options A, B, C, D given in brackets.

- 1. A and B together can finish a work in 16 days, while B can do the same work alone in 24 days. In how many days can A alone finish the work?  
 A) 25 days      B) 20 days      C) 48 days      D) 42 days

- 2. The ratio of ages of Anil and Ashima is 3 : 5. The sum of their ages is 48 years. What is the age of Ashima?  
 A) 18 years      B) 30 years      C) 16 years      D) 10 years

- 3. The cost of a machine is estimated to be increasing at the rate of 10% every year. If it costs Rs. 12,000 now, what will be the estimated value after 3 years?  
 A) Rs. 19,572      B) Rs. 15,972      C) Rs. 17,952      D) Rs. 15,792

- 4. There are 30 students in a class. One student weighing 25 kg goes away and a new student joins the class. If the average weight is then increased by 200 grams, what is the weight of new student?  
 A) 32 kg      B) 31 kg      C) 30 kg      D) 29 kg

5.  $10\frac{3}{4} + 2\frac{3}{5} - 5\frac{1}{10} = ?$

A)  $8\frac{1}{4}$

B)  $4\frac{1}{8}$

C)  $1\frac{4}{8}$

D)  $8\frac{1}{20}$

- 6. Meena, Arun and Gopu divide a sum of Rs. 6,000 in such a way that Arun gets  $\frac{1}{2}$  of what Meena gets and Gopu gets  $\frac{3}{4}$  of what Arun gets. Then what is Arun's share?  
 A) Rs. 1,200      B) Rs. 1,480      C) Rs. 1,600      D) Rs. 3,000

- 7. A and B are two cities. A man travels from A to B at a speed of 10 km/hr. and returns back at the speed of 30 km/hr. Find his average speed for whole journey.  
 A) 12 km/hr.      B) 15 km/hr.      C) 20 km/hr.      D) 22.5 km/hr.

- 8. A train 220 m long is running at 30 km/hr. How long will it take to cross a bridge 80 meters long?  
 A) 10 seconds      B)  $14\frac{2}{3}$  seconds      C) 36 seconds      D) 16.8 seconds

- 9. Today is Monday. After 100 days what day it will be?  
 A) Wednesday      B) Tuesday      C) Thursday      D) Sunday

- 10.  $65 - 5 \times 7 + (8 \times 4 - 2 - 1) = ?$   
 A) 75      B) 45      C) 428      D) 70

Handwritten calculations for question 10:  
 $65 - 5 \times 7 + (8 \times 4 - 2 - 1) = ?$   
 $65 - 35 + (32 - 2 - 1) = ?$   
 $30 + 29 = 59$   
 (Note: The handwritten work shows a final answer of 428, which appears to be a miscalculation or a different interpretation of the problem.)



11. In the following four numbers, three are same in certain way, while the rest one is different. Find out the different one.

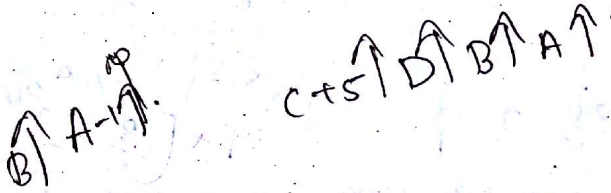
- A) 28 ✓
- B) 14 ✓
- C) 49 ✓
- D) 43

12. Out of four words, three are same in certain way, while the rest one is different. Find out the different one.

- A) Bird ✓
- B) Crow ✓
- C) Kite ✓
- D) Pigeon ✓

13. A, B, C and D distribute some cards among themselves in a manner that A gets 1 less than B ; C gets 5 more than D ; while D gets as many as B. Who gets the least number of cards ?

- A) B
- B) C
- C) D
- D) A



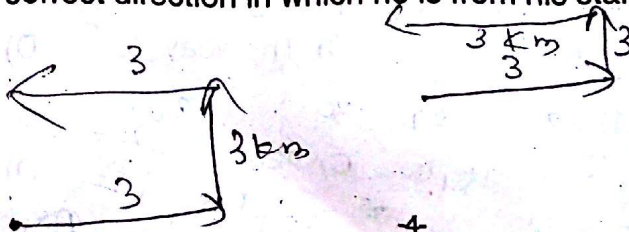
14. If the letters of the word S A R B S are rearranged so that a name of metal is obtained. What will be the first letter of that word ?

- A) A
- B) S
- C) R
- D) B

Handwritten note: BRASS

15. After starting from a point, a man walks 3 km towards East, then turning his left he moves 3 km. After this he again turns left and moves 3 km. Which choice given below indicates the correct direction in which he is from his starting point ?

- A) North
- B) East
- C) West
- D) South



D



16. If 8<sup>th</sup> of the month falls 3 days after Sunday, what day will be on 17<sup>th</sup> of that month?

- A) Thursday
- B) Tuesday
- C) Wednesday
- D) Friday

8<sup>th</sup> - Sun  
 9<sup>th</sup> - Mon  
 10<sup>th</sup> - Tue  
 11<sup>th</sup> - Wed  
 12<sup>th</sup> - Thu  
 13<sup>th</sup> - Fri  
 14<sup>th</sup> - Sat  
 15<sup>th</sup> - Sun  
 16<sup>th</sup> - Mon  
 17<sup>th</sup> - Tue

17. If PRLN : XZTV :: JLFR : ?

Which one of the answer would replace the question mark?

- A) NPRT
- B) NRPT
- C) NTRP
- D) RTNP

A B C D E F G H I J K L M  
 N O P Q R S T U V W X Y Z  
 1 2 3 4 5 6 7 8 9 10 11 12 13  
 14 15 16 17 18 19 20 21 22 23 24 25 26  
 N P

18. If ? : Vegetable :: ? : Wheat

Which one of the following is the correct pair for question marks?

- A) Plant, Cake
- B) Barley, Flour
- C) Cabbage, Corn
- D) Leaves, Rice

19. Which of the alternative figures would correctly fill in the blank space in following series of numbers?

1, 5, 10, 16, 23, 31, \_\_\_

- A) 38
- B) 50
- C) 39
- D) 40

4 +5 +6 +7 +8  
 31  
 40

20. In a certain code FIRE is coded as DGPC. What will be the last letter of the coded word for 'SHOT'?

- A) Q
- B) P
- C) R
- D) S

Q P R

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21. What is the hybridisation of carbon in  $\text{HC} \equiv \text{N}$  ?

- A)  $\text{SP}^3$                       B)  $\text{SP}^3$                       C)  $\text{SP}^2$                       D)  $\text{SP}$

22. Human body is an example for

- A) Open system                      B) Closed system  
C) Isolated system                      D) Adiabatic system

23. A peptide hormone is

- A) Estrone                      B) Corticoid                      C) Progesterone                      D) Insulin

24. Which of the following is not found in DNA ?

- A) Uracil                      B) Adenine                      C) Thymine                      D) Guanine

25. Choose a water soluble Vitamin.

- A) Vitamin A                      B) Vitamin D                      C) Vitamin C                      D) Vitamin E

26. The metal present in chlorophyll is

- A) Iron                      B) Cobalt                      C) Magnesium                      D) Nickel

27. A mixture of two gases are called 'Syn gas'. Identify the mixture.

- A)  $\text{CO}$  and  $\text{N}_2$                       B)  $\text{CO}_2$  and  $\text{N}_2$   
C)  $\text{CO}$  and  $\text{H}_2$                       D)  $\text{CO}_2$  and  $\text{H}_2$

28. The compound called blue vitriol is

- A)  $\text{BaSO}_4 \cdot 2\text{H}_2\text{O}$                       B)  $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$   $\text{H}^+$   
C)  $\text{CaSO}_4 \cdot \frac{1}{2}\text{H}_2\text{O}$                       D)  $\text{BaCl}_2 \cdot 2\text{H}_2\text{O}$

29. What is the internal energy change of a system when it absorb 15 KJ of heat and does 5 KJ of work ?

- A) 10 KJ                      B) 20 KJ                      C) 0 KJ                      D) 5 KJ

30. Which temperature is called absolute zero ?

- A)  $-273.15^\circ\text{C}$                       B)  $-273.15 \text{ K}$                       C)  $0^\circ\text{C}$                       D) None of these

D

$$\text{Eng} = \frac{\text{Work}}{\text{Em}}$$

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31. The first cinema scope film in India

- A) Deewana      B) Bazigar      C) Kagaz Ke Phool      D) Dangal

32. The power to decide an election petition is vested with

- A) High Court      B) Supreme Court  
C) Election Commission      D) Parliament

33. Which team is the second highest winning FIFA World Cup ?

- A) Italy      B) Germany      C) Argentina      D) England

34. The President can dismiss a member of the Council of Ministers

- A) On his own  
B) With the consent of the Speaker  
C) On recommending the Prime Minister  
D) Only under emergency conditions

35. Where is the Headquarters of FIFA governing body is situated ?

- A) Dubai      B) San Paulo      C) London      D) Zürich

36. Name of the first solar ferry boat of India between Vaikom – Tavanakkadavu.

- A) Pinaka      B) Aaditya      C) Ushas      D) Jalareni

37. GST (Goods and Service Tax) is set to be introduced by the Union Govt. on

- A) April 1<sup>st</sup> 2017      B) May 1<sup>st</sup> 2017  
C) June 1<sup>st</sup> 2017      D) July 1<sup>st</sup> 2017

38. Indian Sports Research Institute is located at

- A) Delhi      B) Patiala      C) Mohali      D) Ranchi.

39. World First Bank to deploy a robot for customer service

- A) HSBC      B) Axis Bank      C) HDFC      D) ICICI

40. Who wrote the famous book 'Who Wants To Be Millionaire' ?

- A) Agatha Christie      B) Emile Zola      C) Vikram Seth      D) Chethan Bhagath



41. Which river is also known as Thalayar ?
- A) Kunthi River  
B) Karamanayar  
C) Pambar  
D) Sirumani
42. The place "Muziris" was known in ancient Kerala history as
- A) Capital city  
B) Chera village  
C) Harbour city  
D) Urban centre
43. The first mass struggle against untouchability in Kerala was
- A) Guruvayur Satyagraha  
B) Paliyam Satyagraha  
C) Channar Revolt  
D) Vaikom Satyagraha
44. The name "Karindhandan" is associated with
- A) Kuttiyadi pass  
B) Thamarasseri pass  
C) Periyar pass  
D) Nadukkani pass
45. Who among the following was not a member of the Cabinet Mission ?
- A) Strafford Cripps  
B) A. V. Alexander  
C) John Simon  
D) Pethic Lawrence
46. The famous book "*Annihilation of Caste*" was written by
- A) Jyothi Rao Phule  
B) Raja Ram Mohan Roy  
C) B.R. Ambedkar  
D) Periyar Ramaswamy
47. The Chairman of the State Re-organization Commission
- A) H. N. Khunsru  
B) Fasal Ali  
C) K. M. Panikkar  
D) V. P. Menon



48. The first sitting of Constituent Assembly of India was held on

- A) 9 December 1946
- B) 26 November 1946
- C) 14 August 1947
- D) 26 January 1950

49. Congress Session which decided to celebrate 26<sup>th</sup> January as Independence Day all over the country

- A) Amaravathi Congress
- B) Bombay Congress
- C) Lahore Congress
- D) Belgaum Congress

50. *Mahatma : Life of Mohandas Karamchand Gandhi*, the biography of Gandhiji is written by

- A) D.G. Tendulkar
- B) Sasi Tharoor
- C) Ruskin Bond
- D) Dr. S. Radhakrishnan

51. Who organized the group called "Khudaikhitmatgars" ?

- A) Khan Abdul Ghafar Khan
- B) Moulana Azad
- C) Syed Ahammed Khan
- D) Agha Khan

52. Who is known as the mother of Indian Revolutions ?

- A) Captain Lakshmi
- B) Annie Besant
- C) Rani Gaidilieu
- D) Madam Bhikaji Rustom Cama

53. V. T. Bhattathirippad and his friends conducted a "Yachana Yathra" in 1931 from

- A) Trissur to Kasargod
- B) Palakkad to Kasargod
- C) Varkala to Kasargod
- D) Varkala to Palakkad



54. Name the person who is related to the foundation of the "Servants of the Mary Immaculate".

- A) Poikayil Yohanan  
 B) St. Kuriokose Alias Chavara  
 C) Sr. Alphonsa  
 D) Arnos Pathiri

55. The name of the social reformer who was called abusively as "Pandiparayan" by the Savarnas (high caste people).

- A) Vaikunda Swamikal  
 B) Vagbhatananda  
 C) Thycaud Ayya Swamikal  
 D) Ayyankali

56. Name of the Diwan who banned and confiscated the newspaper "Swadeshabhimani" in 1910.

- A) P. Rajagobalachari  
 B) Ramayan Dalawa  
 C) C. P. Ramaswami  
 D) Veluthambi Dalawa

57. Mention the main feature of "Chinnar".

- A) Gold deposit in Kerala  
 B) Hottest region in Kerala  
 C) Rain shadow region in Kerala  
 D) Mica deposit in Kerala

58. The famous "Mamankam Festival" was celebrated on the bank of the river

- A) Periyar  
 B) Kabani  
 C) Pamba  
 D) Bharathapuzha

59. The name of person who persuaded Gandhiji to include women in Salt Sathyagraha.

- A) Sarojini Naidu  
 B) Urvasi Bhatalia  
 C) Kamaladevi Chadhopadhyaya  
 D) Subhadrakumari Chauhan

60. In which Sathyagraha did Gandhiji interfere for labours in factory for the first time ?

- A) Kheda Sathyagraha  
 B) Bardoli  
 C) Chambaran  
 D) Ahmedabad



61. Subject to the Provisions of any law made by Parliament or any rules made under Article 145, which Article of the Constitution permits the Supreme Court to review its own judgement or order ?  
 A) Article 134      B) Article 135      C) Article 130      D) Article 137
62. Which Article is inserted in the Constitution of India by the Constitution (Ninety-seventh Amendment) Act, 2011 ?  
 A) Article 43 B      B) Article 39 A      C) Article 338 A      D) Article 361 B
63. Which of the following Committees was formed by the Government of India in the year 1979 to study the issue of child labour and to suggest measures to tackle it ?  
 A) Ravindra Verma Committee  
 B) R. N. Malhotra Committee  
 C) Justice V. S. Malimath Committee  
 D) Gurupadaswamy Committee
64. The protection of women from Domestic Violence Act was passed in the year  
 A) 2006      B) 2009      C) 2005      D) 2008
65. Who was the second Chairperson of National Human Rights Commission ?  
 A) Justice K. G. Balakrishnan      B) Justice M. N. Venkatachalliah  
 C) Justice S. Rajendra Babu      D) Justice J. S. Verma
66. How many Schedules are there in the 'Right to Information Act, 2005' ?  
 A) 2 Schedules      B) 4 Schedules      C) 5 Schedules      D) 3 Schedules
67. The Comptroller and Auditor General of India is appointed by  
 A) Speaker of Lok Sabha      B) Governor  
 C) Prime Minister      D) President of India
68. Constitution of India was adopted by Constituent Assembly on  
 A) 26<sup>th</sup> January, 1950      B) 26<sup>th</sup> November, 1949  
 C) 29<sup>th</sup> August, 1947      D) 9<sup>th</sup> December, 1946
69. Which of the following is not a Constitutional Body ?  
 A) Finance Commission  
 B) State Public Service Commission ✓  
 C) State Human Rights Commission ✓  
 D) Election Commission ✓
70. The Constitution of India provides free and compulsory education of all children in the age group of six to fourteen years as a  
 A) Moral Right      B) Political Right  
 C) Fundamental Right      D) Natural Right



71. It was a steep \_\_\_\_\_ into the cave.  
 A) descend                      B) dissent                      C) decent                      D) descent

72. Find the appropriate reported speech for the following :

The stranger said to me, "What is your name?"

The stranger asked me \_\_\_\_\_.

- A) What my name is                      B) What is my name  
 C) What my name was                      D) What was your name

73. Choose the word which is spelt correctly.

- A) maintainance ✗  
 B) maintainance  
 C) maintenance ✗  
 D) maintainance ✗

74. Change the voice.

One may accomplish anything with a little effort.

- A) One can accomplish anything with effort  
 B) With a little effort anything can be accomplished  
 C) One can accomplish anything with a little effort  
 D) With a little effort anything is accomplished

75. The old man was overwhelmed \_\_\_\_\_ grief at his son's death.

- A) in                      B) with                      C) of                      D) by

76. Choose the correct sentence from the following.

- A) Neither of the two plans was approved  
 B) Neither of the two plan was approved  
 C) Neither of the two plans were approved  
 D) Neither of the two plans are approved

77. Choose the suitable form of the adjective :

It is important to understand what makes one typeface \_\_\_\_\_ than another.

- A) legibly                      B) more legible                      C) most legible                      D) legible

78. Choose a suitable interpretation for the idiom 'hand and glove'.

- A) very friendly                      B) in confusion                      C) earnestly                      D) entirely

79. The universe \_\_\_\_\_ a vast number of galaxies and it \_\_\_\_\_ since its creation in the Big Bang about 13 billion years ago.

- A) has contained, expanded                      B) contains, had been expanding  
 C) had contained, had expanded                      D) contains, has been expanding

80. Give a one word substitute for : One who is filled with excessive and mistaken enthusiasm about religious matters:

- A) Altruist                      B) Atheist                      C) Fanatic                      D) Fatalist



81. Kudumbasree Movement is launched in  
 A) 1997                      B) 1998                      C) 1996                      D) 1999
82. The Pradhan Manthri Adarsh Grama Yojana was initially implemented in  
 A) Rajasthan                      B) Madhya Pradesh  
 C) Karnataka                      D) Meghalaya
83. The eligible persons under the Indira Awaas Yojana are  
 A) Freed Bonded Labourer                      B) Widows of Defense Personnel  
 C) Both A) and B)                      D) None of the above
84. NRDP is organized in  
 A) 1991                      B) 1992                      C) 1993                      D) 1994
85. Under VAMBAY the Dwelling Unit shall be registered in the name of  
 A) Wife                      B) Husband  
 C) Elder Member of the Family                      D) None of the above
86. Mahila Samridhi Yojana is launched in  
 A) 1993                      B) 1994                      C) 1995                      D) 1996
87. Which of the following is not the object of the Bharat Nirman Yojana ?  
 A) Connect 40% of total rural area with telecommunication and broad band  
 B) Built roads to connect all remote places  
 C) To provide drinking water to all developing areas  
 D) To provide employment opportunities to atleast one person in each family
88. The ICDS aims at  
 A) Providing supplementary nutrition to children  
 B) Provide elementary education  
 C) To prevent female infanticide  
 D) None of the above
89. Sampoorna Grameen Rozgar Yojana is implemented by  
 A) District Panchayat                      B) Grama Panchayat  
 C) Block Panchayat                      D) All the above
90. Antyodaya Anna Yojana was launched on  
 A) 13<sup>th</sup> April 2003                      B) 15<sup>th</sup> August 2000  
 C) 25<sup>th</sup> December 2000                      D) 25<sup>th</sup> December 2001

D



91. To process data, computers use  
 A) High Level Language  
 B) Machine Language  
 C) Assembly Language  
 D) All the above
92. Which one of the following is not an operating system ?  
 A) Safari ✓  
 B) Android ✓  
 C) Macintosh ✓  
 D) Linux ✓
93. Computer which stores the different web pages is called  
 A) Service Provider B) Web Browser C) Web Server D) Terminal
94. The very high speed semiconductor memory which can speed up CPU is  
 A) Main Memory  
 B) Cache Memory  
 C) Primary Memory  
 D) Secondary Memory
95. Section which provides punishment for sending offensive messages through communication services  
 A) Section 66A B) Section 66B C) Section 66C D) Section 66D
96. IBM stands for  
 A) Integrated Business Machine  
 B) Internal Business Machine  
 C) Indian Business Machine  
 D) International Business Machine
97. One nibble is equal to  
 A) 2 bits B) 4 bits C) 8 bits D) 16 bits
98. 'Sleep' in computers refers to  
 A) Restart the computers in safe mode  
 B) Restart the computers in normal mode  
 C) Shutdown the computer terminating all the running applications  
 D) Shutdown the computer without closing the running applications
99. Who are the founders of Whatsapp ?  
 A) Brian Acton and Tim Cook  
 B) Brian Acton and Mark Zuckerberg  
 C) Brian Acton and Jan Koum  
 D) Jan Koum and Tim Cook
100. Software that aims to gather information about a person or organization without their knowledge, that may send such information to another entity without the consumer's consent, or that asserts control over a device without the consumer's knowledge  
 A) Spyware B) Firmware C) Trojan horse D) All the above