

## **SOLUTIONS**

1. Ans. D.

Author wants to say that without keeping patience we cannot use intelligence.

2. Ans. D.

Author wants to say that like less number of herbs found in garden same as small number of people are found to have patience in life.

3. Ans. C.

It means they are the only one to face problems while others are not having any kind of problems.

4. Ans. B.

exciting is the most appropriate word.

5. Ans. C.

Grabbing is most appropriate word because we always grab the opportunities.

6. Ans. D.

execution is the most appropriate word.

7. Ans. A.

desirable is the most appropriate word.

8. Ans. D.

analyze is the most appropriate word.

9. Ans. A.

specification is the most appropriate word.

10. Ans. B.

Nebulous means hazy

Tiny means small

Vague means unclear

Insignificant means unimportant

Inadequate means in sufficient

So, Nebulous is nearest in meaning to Vague.

11. Ans. A.

Debilitate means make someone very weak

Surmount means overcome

So, Debilitate is nearest in meaning to weaken

12. Ans. D.

Anathema means hateful

Pun means double meaning

Curse means imprecation

Anathema is nearest in meaning to curse

13. Ans. A.

Penchant means habitual liking for something which is nearest in meaning to liking.

14. Ans. D.

Refractory means unmanageable which is nearly opposite to manageable.

Refreshing means revivifying

Burdensome means troublesome

Privileged means advantage

15. Ans. B.

Insolent means ill-mannered

Sullen means moody

Affable means good-natured which is nearly

opposite to Insolent

Determined means purposeful

16. Ans. D.

Acrimonious means angry (typically of speech or discussion)

Legal means relating to law

Severe means extreme

Cursive means written with the letters joined Harmonious means sweet-sounding which is nearly opposite meaning to Acrimonious

17. Ans. B.

Sceptic means doubter

Cryptic means mysterious

Believer means who believes in the truth which is nearly opposite in meaning to Sceptic

Eminent means prestigious

18. Ans. A.

To hold something in leash means to control and 'to restrain' also means to control

19. Ans. B.

To talk through one's hat means to say foolish things i.e. to talk nonsense.

20. Ans. A.

To throw up the sponge means to give up a contest or to acknowledge defeat or surrender

21. Ans. C.

To get into hot waters means to get into trouble. Example: The young boy got into hot water with his parents when he had a fight at school.

22. Ans. A.

Dolorous is correctly spelt which means feeling or expressing great sorrow or distress.

23. Ans. B.

Conduit is correctly spelt which means a channel for conveying water or other fluid.

24. Ans. C.

Gregarious is spelt correctly which means sociable.

25. Ans. B.

 $Intrinsic \ is \ spelt \ correctly \ which \ means \ essential.$ 

26. Ans. A.

Sepulchral is spelt correctly which means joyless 27. Ans. B.

To flog a dead horse means to waste effort on something when there is no chance of succeeding. 28. Ans. D.

A bull in a china shop means one who is aggressive and clumsy in a situation that requires delicacy and care.

29. Ans. A.

The alpha and the omega means the beginning and the end; the entirety of something. (Alpha and omega are the first and last letters of the Greek alphabet).

30. Ans. B.

A fool's errand means a task that has little to no chance of being successful or beneficial.



31. Ans. C.

Serena Williams won the title, defeating Maria Sharapova in the final, 6–3, 7–6, to earn her sixth Australian Open title.

32. Ans. A.

Vinod Mehta an eminent Indian journalist and founder editor-in-chief of 'Outlook' published his autobiography by the name of Lucknow Boy: A Memoir

33. Ans. A.

The **2022 Commonwealth Games**, officially known as the **XXII Commonwealth Games** and commonly known as **Birmingham 2022**, will be an international multi-sport event for members of the Commonwealth that will be held in Birmingham, England.

The Games are expected to take place between 27 July and 7 August 2022. The city was announced as the host at at a press conference at the Arena Academy in Birmingham on 21 December 2017 34. Ans. C.

The plan to set up an innovation council called "Kayakalp" for business re-engineering and introducing a spirit of innovation in the Indian Railways.

35. Ans. A.

The day commemorates its internal political independence from British rule on that day in 1948. The day is a national holiday in Sri Lanka. 36. Ans. B.

Animals active at night are known as Nocturnal. 37. Ans. D.

Government establishes NITI Aayog (National Institution for Transforming India) to replace Planning Commission. It will emerge as a "thinktank" that will provide Governments at the central and state levels with relevant strategic and technical advice across the spectrum of key elements of policy.

38. Ans. B.

The book, 'Born Again on the Mountain': a story of losing everything and finding it back is authored by Arunima Sinha.

39. Ans. B.

**Dr Kailasavadivoo Sivan** is an Indian space scientist and the chairperson of the Indian Space Research Organization. He is the former Director of Vikram Sarabhai Space Center and Liquid Propulsion centre.

He is joined this position Jan 2018.

40. Ans. C.

Natural radioactivity was discovered by Henri Bacquerel.

41. Ans. A.

The Nobel Prize in Physics 1930 was awarded to Sir Chandrasekhara Venkata Raman "for his work on the scattering of light and for the discovery of the effect named after him".

42. Ans. B.

The communication satellites are located in Ionosphere.

43. Ans. C.

On April 3, 1926 Lord Irwin was appointed 30th Viceroy and Governor-General of India. In 1927, British government appointed a commission under the chairmanship of Sir John Simon.

44. Ans. B.

Mahatma Gandhi left South Africa to return to India in 1915

45. Ans. C.

Raja Todar Mal was the Finance Minister of the Mughal empire during Akbar's reign.

46. Ans. A.

Lines joining places of equal temperature are called isotherms.

47. Ans. B.

In year 2014, Shashi Kapoor has been awarded with Dada Saheb Phalke Award.

48. Ans. B.

The Moon takes about 27.3 days to perform one complete orbit around the Earth.

49. Ans. D.

In 2015, Indian-American music composer, Ricky Kej won a Grammy at the 57th Annual Grammy Awards for his album Winds of Samsara, collaboration with South African flautist Wouter Kellerman, in the Best New Age Album category. 50. Ans. B.

Agni V is nuclear capable, with a payload capacity of 1,500 kg of high-explosive warhead.

51. Ans. A.

INS Vikramaditya is a Kiev class aircraft carrier which was commissioned by Russian Navy in 1987 under the name Baku. It was later renamed as Admiral Gorshkov and last sailed in 1995 in Russia, before being offered to India.

52. Ans. D.

Speed of boat in still water = 9 km/hrSpeed of current = 3 km/hrDownstream speed = 9+3=12 km/hrUpstream speed = 9-3=6 km/hrLet the distance between A to B be x km.

 $\rightarrow$  x/6 + x/12 = 3

 $\rightarrow$  x + 2x = 36

 $\rightarrow$  3x = 36

 $\rightarrow$  x = 12 km

53. Ans. D.

Speed of streamer = 4.5 km/hr Speed of water = 1.5 km/hr Downstream speed = 4.5+1.5 = 6 km/hr Upstream speed = 4.5 -1.5 = 3 km/hr Average Speed = (6 X 3) / 4.5 = 4km/hr



54. Ans. A.

A completed their work in  $8 \times 2 = 16 \text{ days}$ 

B completed their work in  $8 \times 3 = 24 \text{ days}$ 

A and B one day work  $^{-1}$  1/16 + 1/24  $^{-1}$  5/48

A and B completed their work in 48/5 days = 9.6davs

55. Ans. B.

C's one day work = 1/40

A and B one day work is twice of C's work = 1/20B's one day work =1/2A

 $\rightarrow$  1/A +1/2A = 1/20

→ 3/2A =1/20

→ 2A= 60

 $^{-}$  A = 30  $\rightarrow$  B = 60

So, A, B, C one day work = 1/30 + 1/60 + 1/40 =9/120 = 3/40

A, B, C can finish their work in 40/3 days 56. Ans. C.

Relative speed = 68-8 = 60 km/hr = 60 X 5 / 18m/s = 50/3 m/s

Total distance = 150 m

Time taken to pass a man running in same direction  $= 150 \times 3/50 = 9 \text{ seconds}$ 

57. Ans. C.

Speed of the train = 12000 / 10\*60 = 20 m/sLength of the train = Speed X time = 20 X 6 = 120m

58. Ans. D.

Let the salary of B be 100

Salary of A = 150

% B's salary less than  $A = (150-100)/150 \times 100 =$ 

100/3 = 33.33%

59. Ans. A.

Let the price of an item be 100

After 25% decrease, price of item = 75

Increase in price to get the original price = 100-75= 25

% increase to get the original price = 25/75 X 100 = 100/3 = 33.33%

60. Ans. B.

Let the two item be A and B. Cost price of A be x and cost price of B be y.

A sold for Rs 1000 on 10 % gain = 1.1x = 1000

 $\Rightarrow$  x= 1000/1.1 = 909.09

B sold for Rs. 1000 on 10% loss = 0.9y = 1000

 $\Rightarrow$  y= 1000/0.9 = 1111.11

Total cost price of A and B = 2020.20

Selling price of A and B = 2000

Loss  $\% = (2020.20 - 2000)/2000 \times 100 = 1.01 \%$ loss

61. Ans. C.

Let CP be x and SP be y.

 $\Rightarrow$  3(y - x) = (2y - x)

 $\Rightarrow$  v = 2x

Profit = y - x = 2x - x = x

Profit% = x/x X 100 = 100%

62. Ans. A.

Rate = 4%

Time = 8 years

Simple Interest = PTR/100 = 32P/100

Given, P - 32P/100 = 340

**⇒** 68P = 34000

 $\Rightarrow$  P = 500

63. Ans. C.

Let the rate of interest be R

(Interest at rate (R+4)%)-(Interest at R%) = 600

(PT(R+4)/100) - (PTR/100) = 600

3PR + 12P - 3PR = 60000

 $\Rightarrow$  12P = 60000

 $\Rightarrow$  P = 5000

64. Ans. D.

Total weight of 50 boys =  $45 \times 50 = 2250$ 

Average weight of 49 boys = 44.9

Total weight of 49 boys =  $44.9 \times 49 = 2200.1$ 

Weight of boy who left the class=2250-

2200.1=49.9

65. Ans. A.

Ratio of milk and water = 4:1

Quantity of water = 35/5 = 7 litres

Quantity of milk =  $35 \times 4/5 = 28$  litres

If 7 litre of water is added, new quantity of water =

New ratio of milk and water = 28:14 = 2:1

66. Ans. C.

Some females can be doctors; some female can also be patient. Some Doctors can be patients. So, Option C fits into the question.

67. Ans. D.

Some men can be detectives; some spies can be men; some men can be spies; and some men can detective and spies both. So, option C suits best. 68. Ans. C.

All males are Human beings so the circle for male come in between human being; and all fathers are male so the circle for fathers comes in between the male circle. So, option C suits best.

69. Ans. A.

In a building material we use steel and wood. So, steel and wood circle comes in the building material circle. Option A suits best.

70. Ans. B.

Some teachers can be Doctor and can be Engineer. But there is no common in between Doctor and Engineer. So, option B suits best in which the middle circle denotes teachers.

71. Ans. A.

Blizzard means a severe snowstorm and Freeze means the result of extreme cold i.e. the result of Blizzard is Freeze.

Insult means speak with disrespect and Humiliation means a state of being someone feel ashamed i.e. the result of insult is humiliation.

Blizzard: Freeze:: Insult: Humiliation



72. Ans. B.

Graceful means showing elegance and clumsy means ungraceful or awkward. Both are opposite to each other. Similarly, laugh and cry are opposite to each other.

73. Ans. D.

Zenith means the time at which something is most powerful and Nadir means the lowest or most unsuccessful point in a situation. Both words are opposite to each other.

Genuine means authentic and phony means fraudulent or not genuine. Both are also opposite in meaning.

Zenith: Nadir:: Genuine: Phony

74. Ans. D.

Pedagogy means method and practice of teaching. Similarly, Entomology is a branch of zoology concerned with the study of insects.

So, Pedagogy: Teaching:: Entomology: Insects 75. Ans. B.

Capriciousness means to describe a person or thing that's impulsive and unpredictable and Reliability is the quality of being trustworthy.

Tenacious means tending to keep a firm hold of something and Practicality means possibility A person who is `Capricious' loses `Reliability'. In the same way, if a person is `Tenacious' he loses `Practicality'.

76. Ans. D.

Niagara, Alamere and Kempty are falls but Andes is a mountain range.

77. Ans. C.

Small Betrayals, We Indians and Surviving Men are the name of the books. But Shooting from the Hip is an idom.

78. Ans. C.

Brass, Bronze and Steel is a metallic alloy made up of two or more chemical element. But Silver a chemical element with symbol Ag and atomic number 47.

79. Ans. C.

Commentary is the description of all other shows. 80. Ans. D.

Deccan, Kaas and Chhota Nagpur are plateau. Nanda Devi is a mountain.

81. Ans. D.

Option D suits best.

82. Ans. C.

Option C suits best.

83. Ans. B.

Option B suits best.

84. Ans. C.

Option C suits best.

85. Ans. D.

Option D suits best.

86. Ans. C.

Option C will continue the same series.

87. Ans. C.

the given picture Option C will continue the same series.

88. Ans. A.

Option A will continue the same series.

89. Ans. D.

Option D will be the next in the series.

90. Ans. A.

Option A will continue the series.

91. Ans. B.

Option B best suited for figure 4.

92. Ans. A.

The unfilled leaf moves 3 steps backward and filled leaf moves 3 steps forward. Every move is 45°. Option A best suited.

93. Ans. C.

Each line is shifted to next line and position is inverted. Option C suits best for figure 4.

94. Ans. D.

Option D best suits for figure 4.

95. Ans. C.

The figures are inverted diagonally and left side blank figure is filled. Option C suits best.

96. Ans. C.

The degree of both the angles in figure A, B, D is same but in figure C its different.

97. Ans. A.

Because the half fillers are mirror image but in option A south-east side of filler is not mirror image.

98. Ans. B.

The dots are on the corners of the line in figure B. But in others dots are in the middle of the line.

99. Ans. D.

The filled triangle is to the immediate right of the one of dots. But in figure D it is to its immediate left.

100. Ans. B.

In diagonals there is only filled leaf. But in figure B there is filled and unfilled both in diagonals.

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