

Direction (1-3): Read the following passage carefully and answer the questions given below it:-

Patience is better than wisdom: An ounce of patience is worth a pound of brains. All men praise patience, but few can practice it. It is a medicine which is good for all diseases, but it is not every garden that grows the herbs to make it with. Many people are born crying, live complaining and die disappointed. They think every other person's burden to be light and their own feathers to be heavy as lead, and yet if the truth were known, it is their fancy rather than their fate that makes things go so hard with them. Many would be well off than what they think of.

1. Which of the following is the most suitable explanation to the author's remark that an "ounce of patience is worth a pound of brains"?
 A. Wisdom can only be attained by practicing patience.
 B. Patience comes first, wisdom next.
 C. Patience is essential for every achievement in life.
 D. Without patience wisdom cannot be used properly.
2. Which one is the most likely explanation, among the following, of the author's metaphorical statement that "it is not every garden that grows the herbs to make it with"?
 A. Patience is a must for solving all our problems in life.
 B. Patience is a rare herb that cures all diseases.
 C. Patience is virtue of a highest order.
 D. It is only a small number of people that are found observing patience in life.
3. The writer's remarks, "They think every person's burden to be light and their own feathers to be as heavy as lead" is very significant. It means
 A. They are always worried and dejected.
 B. They consider their own problems to be difficult to solve as compared with problems of other people.
 C. They feel that they alone face serious problems while others have a nice time.
 D. They remain very much worried about their own problem.

Direction (4-9): Select the most appropriate word from the options against each number:-
 Life is an (4) series of challenges and opportunities to be seized. You have to plan for exercising the right career choices and (5) the right opportunities. Planned (6) rather

than a hasty decision is (7) as far as your career is concerned. You need to (8) what occupational groups, (9) and type of organizations are suitable for you.

4. Select the most appropriate word from the options against each number:
 A. enticing B. exciting
 C. enchanting D. enhancing
5. Select the most appropriate word from the options against each number:
 A. catching B. offsetting
 C. grabbing D. conceiving
6. Select the most appropriate word from the options against each number:
 A. delay B. hindrance
 C. application D. execution
7. Select the most appropriate word from the options against each number:
 A. desirable B. deciphered
 C. inevitable D. acceptable
8. Select the most appropriate word from the options against each number:
 A. check B. classify
 C. divide D. analyze
9. Select the most appropriate word from the options against each number:
 A. specifications B. limitations
 C. qualifications D. identification
10. Choose the word which is nearest in meaning to the given word:-
 Nebulous
 A. Tiny B. Vague
 C. Insignificant D. Inadequate
11. Choose the word which is nearest in meaning to the given word:-
 Debilitate
 A. Weaken B. Attack
 C. Surmount D. Destroy
12. Choose the word which is nearest in meaning to the given word:-
 Anathema
 A. Religious Chant B. Pun
 C. Musical Subject D. Curse
13. Choose the word which is nearest in meaning to the given word:-
 Penchant
 A. Liking B. Eagerness
 C. Disability D. Keeness
14. Choose the word which is nearly opposite in meaning to the given word:-
 Refractory
 A. Refreshing B. Burdensome
 C. Privileged D. Manageable
15. Choose the word which is nearly opposite in meaning to the given word:-
 Insolent
 A. Sullen B. Affable
 C. Determined D. Rich

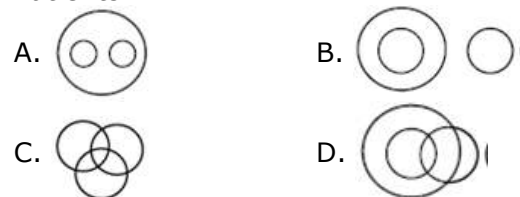
34. Choose the most appropriate answer:
What is the name of 'Innovative Council' proposed in the Rail Budget 2015 to promote innovation?
A. Rail Tech B. Sankalp
C. Kayakalp D. Navachar
35. Choose the most appropriate answer:
Which of the following Asian countries celebrates its Independence Day on 4th February?
A. Sri Lanka B. Bahrain
C. Cambodia D. Bangladesh
36. Choose the most appropriate answer:
Animals active at night are called
A. Diurnal B. Nocturnal
C. Parasites D. Nacto-diurnal
37. Choose the most appropriate answer:
Think-tank of Government of India that replaced Planning Commission on 01 January 2015 is
A. NITI Vakya B. NITI Dharma
C. NITI Vajpayee D. NITI Aayog
38. Choose the most appropriate answer:
The book, 'Born Again on the Mountain' is authored by
A. Pooja Rani B. Arunima Sinha
C. Bachendri Pal D. Urbashi Lal
39. Choose the most appropriate answer:
The present chairman of ISRO is
A. MYS Prasad B. Kailasavadivoo Sivan
C. AS Kiran Kumar D. K Radhakrishnan
40. Choose the most appropriate answer:
Natural radioactivity was discovered by
A. Marie Curie B. Earnest Rutherford
C. Henry Bacquerel D. Enrico Fermi
41. Choose the most appropriate answer:
Sir CV Raman was awarded Noble Prize for his work connected with which of the following phenomenon of radiation?
A. Scattering B. Diffraction
C. Interference D. Polarization
42. Choose the most appropriate answer:
In which atmospheric layer are the communication satellites located?
A. Stratosphere B. Ionosphere
C. Troposphere D. Mesosphere
43. Choose the most appropriate answer:
Who was the Viceroy when the Simon Commission visited India?
A. Lord Chelmsford B. Lord Reading
C. Lord Irwin D. Lord Wellington
44. Choose the most appropriate answer:
Mahatma Gandhi left South Africa to return to India in
A. 1911 B. 1915
C. 1917 D. 1919
45. Choose the most appropriate answer:
Todar Mal was associated with _____ in Akbar's durbar.
A. Music B. Literature
C. Finance D. Law Reforms
46. Choose the most appropriate answer:
Lines joining places of equal temperature are called
A. Isotherms B. Isohyets
C. Isomers D. Isobars
47. Choose the most appropriate answer:
Who has been awarded the Dada Saheb Phalke Award for the year 2014?
A. Pran
B. Shashi Kapoor
C. Dilip Kumar
D. Amitabh Bachchan
48. Choose the most appropriate answer:
How many days moon takes to revolve around the earth?
A. $26\frac{1}{3}$ B. $27\frac{1}{3}$
C. $28\frac{2}{3}$ D. $29\frac{1}{2}$
49. Choose the most appropriate answer:
Indian-American music composer, Ricky Kej has won the Grammy Award for the album
A. In the Lonely Hour
B. Morning Phase
C. Beyonce
D. Winds of Samsara
50. Choose the most appropriate answer:
Recently tested Agni-V missile is capable of carrying nuclear payload of
A. 1000 Kg B. 1500 Kg
C. 2000 Kg D. 2500 Kg
51. Choose the most appropriate answer:
The Russian name of INS Vikramaditya is
A. Admiral Groshkov
B. Admiral Gorbachev
C. Admiral Nakhimov
D. Admiral Petr Bezobrazov
52. Choose the most appropriate answer:
A boat travels upstream from B to A and downstream from A to B in 3 hours. If the speed of the boat in still water is 9 Km/h and the speed of the current is 3 Km/h, the distance between A and B is
A. 9 km B. 10 km
C. 11 km D. 12 km
53. Choose the most appropriate answer:
A steamer moves with a speed of 4.5 km/h in still water to a certain upstream point and comes back to the starting point in a river which flows at 1.5 km/h. The average speed of steamer for the total journey is

- A. 12 km/h B. 9 km/h
C. 6 km/h D. 4 km/h
54. Choose the most appropriate answer:
A can do $\frac{1}{2}$ of a piece of work in 8 days while B can do $\frac{1}{3}$ of the same work in 8 days. In how many days can both do it together?
A. 9.6 days B. 10.5 days
C. 11.2 days D. 16 days
55. Choose the most appropriate answer:
A does $\frac{1}{2}$ as much work as B and C does $\frac{1}{2}$ as much work as A and B together. If C alone can finish the work in 40 days, then together all will finish the work in
A. 30 days B. $13\frac{1}{3}$ days
C. 15 days D. 20 days
56. Choose the most appropriate answer:
A train 150 m long is running with a speed of 68 km/h. In what time will it pass a man who is running at 8 km/h in the same direction in which the train is going?
A. 8 sec B. 8.5 sec
C. 9 sec D. 9.5 sec
57. Choose the most appropriate answer:
A train covers a distance of 12 km in 10 min. If it takes 6 sec to pass a telegraph post, the length of the train is
A. 90 m B. 100 m
C. 120 m D. 140 m
58. Choose the most appropriate answer:
A's salary is 50% more than B's. How much percent is B's salary less than A's?
A. $63\frac{1}{4}\%$ B. $43\frac{1}{4}\%$
C. $53\frac{1}{3}\%$ D. $33\frac{1}{3}\%$
59. Choose the most appropriate answer:
The price of an item is decreased by 25%. What percent increase must be done in new price to get the original price?
A. $33\frac{1}{3}\%$ B. $43\frac{3}{4}\%$
C. $55\frac{2}{3}\%$ D. $65\frac{1}{4}\%$
60. Choose the most appropriate answer:
Anmol sold two items for Rs 1000 each. On one, he gained 10% and on other, he lost 10%. How much did he gain or lose in the whole transaction?
A. profit, 0.95% B. loss, 1%
C. profit, 10% D. loss, 10%
61. Choose the most appropriate answer:
If the selling price is doubled, the profit triples. The profit percent is

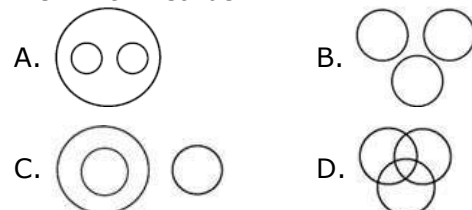
- A. $66\frac{1}{3}\%$ B. 150 %
C. 100 % D. 90 %
62. Choose the most appropriate answer:
A man lent a sum of money at the rate of simple interest of 4%. If the interest for 8 years is Rs 340 less than the principal, the principal is
A. Rs 500 B. Rs 520
C. Rs 540 D. Rs 560
63. Choose the most appropriate answer:
A sum was invested for 3 years at simple interest at a certain rate. Had it been invested at 4% higher rate of interest, it would have fetched Rs 600 more. The sum is
A. Rs 4000 B. Rs 4950
C. Rs 5000 D. Rs 5150
64. Choose the most appropriate answer:
The average weight of 50 boys in a class is 45 Kg. When one boy leaves the class, the average reduces by 100g. Find the weight of the boy who left the class.
A. 50 Kg B. 50.8 Kg
C. 49 Kg D. 49.9 Kg
65. Choose the most appropriate answer:
In a mixture of 35 litres, the ratio of milk and water is 4:1. If 7 litres of water is added to the mixture, the ratio of milk and water of the new mixture will be
A. 2:1 B. 1:2
C. 4:5 D. 5:4

Direction (66-70): Each of these questions given below contains three elements. These elements may or may not have some inter-linkage. Each group of elements may fit into one of these diagrams at (a), (b), (c) or (d). You have to indicate the group of elements which correctly fits into the diagrams.

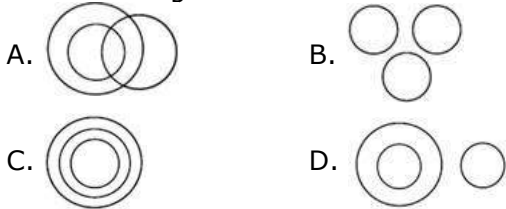
66. Which of the following diagrams indicates the best relation between Females, Doctors, and Patients?



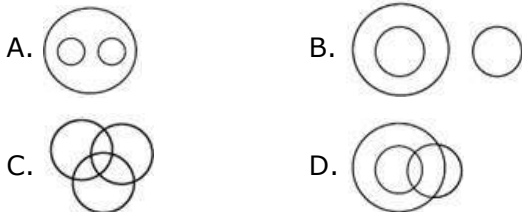
67. Which of the following diagrams indicates the best relation between Detectives, Spies and Men with Beards?



68. Which of the following diagrams indicates the best relation between Males, Fathers and Human Being?



69. Which of the following diagrams indicates the best relation between Steel, Wood, and Building Material?



70. Which of the following diagrams indicates the best relation between Doctors, Teachers and Engineers?



71. In each of the following questions find out the alternative which will replace the question mark.

Blizzard : Freeze :: ??

- A. Insult : Humiliation
- B. Bad : Immoral
- C. Caution : Careless
- D. Jealousy : Respect

72. In each of the following questions find out the alternative which will replace the question mark.

Graceful : Clumsy :: ??

- A. Horror : Sympathy
- B. Laugh : Cry
- C. Recapitulate : Synopsis
- D. Encumber : Burden

73. In each of the following questions find out the alternative which will replace the question mark.

Zenith : Nadir :: ??

- A. Indigent : Poverty
- B. Zeal : Eagerness
- C. Success : Peak
- D. Genuine : Phony

74. In each of the following questions find out the alternative which will replace the question mark.

Pedagogy : Teaching :: ??

- A. Telepathy : Emotions
- B. Radiology : Sound
- C. Mycology : Fossils
- D. Entomology : Insects

75. In each of the following questions find out the alternative which will replace the question mark.

Capriciousness : Reliability :: ??

- A. Heated : Boiling
- B. Tenacious : Practicality
- C. Arbitrary : Whimsical
- D. Unreliable : Inhuman

76. In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

- A. Niagara
- B. Alamere
- C. Kempty
- D. Andes

77. In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

- A. Small Betrayals
- B. We Indians
- C. Shooting from the Hip
- D. Surviving Men

78. In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

- A. Brass
- B. Bronze
- C. Silver
- D. Steel

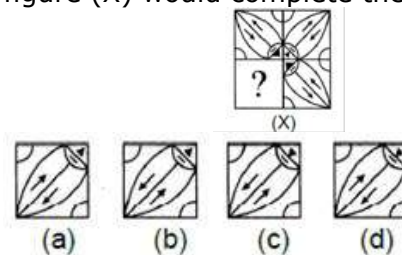
79. In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose the word which is different from the rest.

- A. Documentary
- B. Puppet
- C. Commentary
- D. Feature

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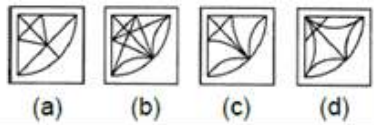
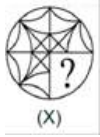
- A. Deccan
- B. Kaas
- C. Chhota Nagpur
- D. Nanda Devi

81. In each of the following questions, select a figure from amongst the four alternatives, which when placed in the blank space of figure (X) would complete the pattern.



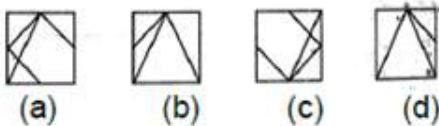
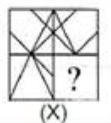
- A. (a) B. (b)
C. (c) D. (d)

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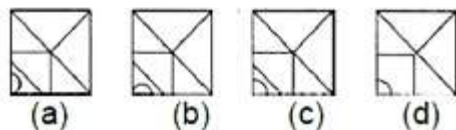
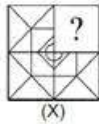
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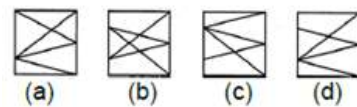
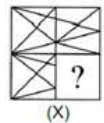
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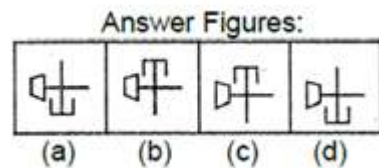
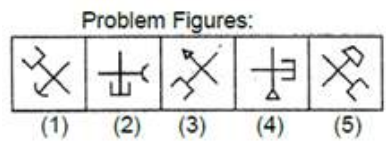
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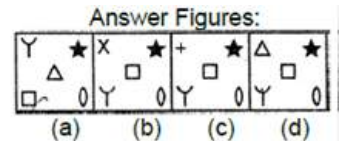
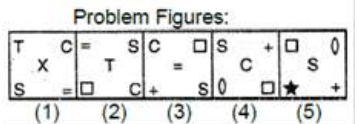
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86. Each of the following questions consists of five figures marked 1,2,3,4 and 5 called the Problem Figures followed by four other figures marked (a), (b), (c) and (d) called the Answer Figures. Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.



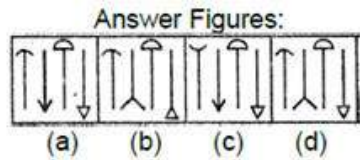
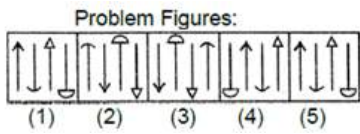
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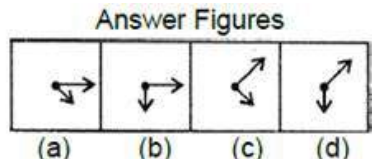
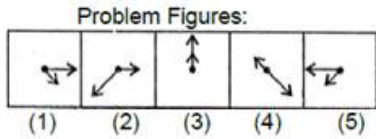
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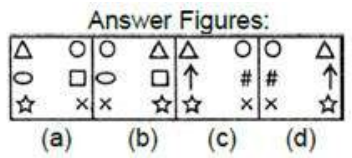
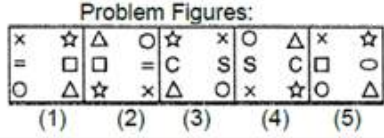
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- A. (a) B. (b)
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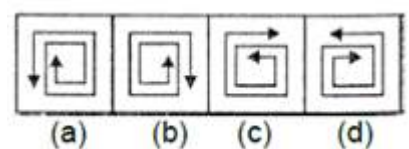
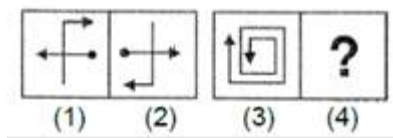
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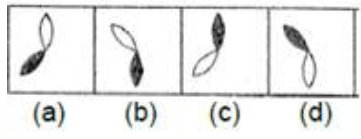
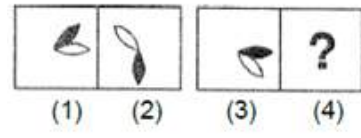
91. Each of the following questions consists of two sets of figures. Figures 1, 2, 3 and 4 constitute the Problem Set while figures (a), (b), (c) and (d) constitute the Answer Set. There is a definite relationship between figures (1) and (2). Establish a similar

relationship between figures (3) and (4) by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig.(4).



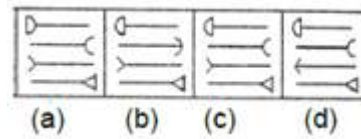
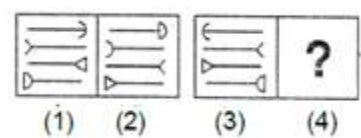
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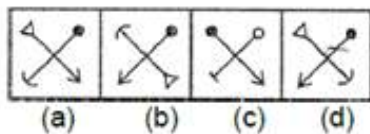
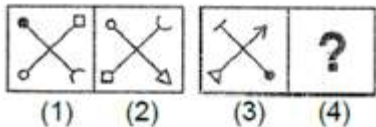
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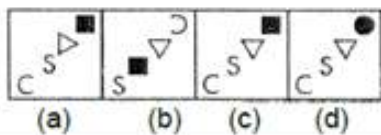
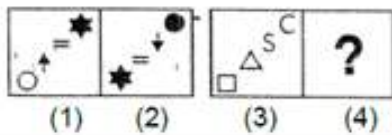
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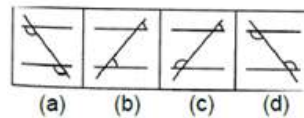
- A. (a) B. (b)
C. (c) D. (d)

95. Each of the following questions consists of two sets of figures. Figures 1, 2, 3 and 4 constitute the Problem Set while figures (a), (b), (c) and (d) constitute the Answer Set. There is a definite relationship between figures (1) and (2). Establish a similar relationship between figures (3) and (4) by selecting a suitable figure from the Answer Set that would replace the question mark (?) in fig.(4).



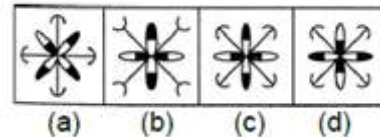
- A. (a) B. (b)
C. (c) D. (d)

96. In each problem, out of the four figures marked (a) (b) (c) and (d), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.



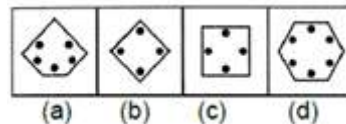
- A. (a) B. (b)
C. (c) D. (d)

97. In each problem, out of the four figures marked (a) (b) (c) and (d), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.



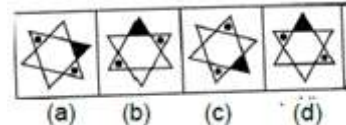
- A. (a) B. (b)
C. (c) D. (d)

98. In each problem, out of the four figures marked (a) (b) (c) and (d), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.



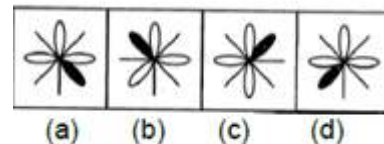
- A. (a) B. (b)
C. (c) D. (d)

99. In each problem, out of the four figures marked (a) (b) (c) and (d), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.



- A. (a) B. (b)
C. (c) D. (d)

100. In each problem, out of the four figures marked (a) (b) (c) and (d), three are similar in a certain manner. However, one figure is not like the other three. Choose the figure which is different from the rest.



- A. (a) B. (b)
C. (c) D. (d)

ANSWERS

1. Ans. D.	21. Ans. C.	41. Ans. A.	61. Ans. C.	81. Ans. D.
2. Ans. D.	22. Ans. A.	42. Ans. B.	62. Ans. A.	82. Ans. C.
3. Ans. C.	23. Ans. B.	43. Ans. C.	63. Ans. C.	83. Ans. B.
4. Ans. B.	24. Ans. C.	44. Ans. B.	64. Ans. D.	84. Ans. C.
5. Ans. C.	25. Ans. B.	45. Ans. C.	65. Ans. A.	85. Ans. D.
6. Ans. D.	26. Ans. A.	46. Ans. A.	66. Ans. C.	86. Ans. C.
7. Ans. A.	27. Ans. B.	47. Ans. B.	67. Ans. D.	87. Ans. C.
8. Ans. D.	28. Ans. D.	48. Ans. B.	68. Ans. C.	88. Ans. A.
9. Ans. A.	29. Ans. A.	49. Ans. D.	69. Ans. A.	89. Ans. D.
10. Ans. B.	30. Ans. B.	50. Ans. B.	70. Ans. B.	90. Ans. A.
11. Ans. A.	31. Ans. C.	51. Ans. A.	71. Ans. A.	91. Ans. B.
12. Ans. D.	32. Ans. A.	52. Ans. D.	72. Ans. B.	92. Ans. A.
13. Ans. A.	33. Ans. A.	53. Ans. D.	73. Ans. D.	93. Ans. C.
14. Ans. D.	34. Ans. C.	54. Ans. A.	74. Ans. D.	94. Ans. D.
15. Ans. B.	35. Ans. A.	55. Ans. B.	75. Ans. B.	95. Ans. C.
16. Ans. D.	36. Ans. B.	56. Ans. C.	76. Ans. D.	96. Ans. C.
17. Ans. B.	37. Ans. D.	57. Ans. C.	77. Ans. C.	97. Ans. A.
18. Ans. A.	38. Ans. B.	58. Ans. D.	78. Ans. C.	98. Ans. B.
19. Ans. B.	39. Ans. B.	59. Ans. A.	79. Ans. C.	99. Ans. D.
20. Ans. A.	40. Ans. C.	60. Ans. B.	80. Ans. D.	100. Ans. B.

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 insufficient
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 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 "think-tank" 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 Kailasavadi 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 Becquerel.

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/hr

Speed of current = 3km/hr

Downstream speed = 9+3 = 12 km/hr

Upstream speed = 9-3 =6 km/hr

Let the distance between A to B be x km.

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

$$\rightarrow x + 2x = 36$$

$$\rightarrow 3x = 36$$

$$\rightarrow x = 12 \text{ km}$$

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 $8 \times 2 = 16$ days

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

A and B one day work $\rightarrow 1/16 + 1/24 \rightarrow 5/48$

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

55. Ans. B.

C's one day work = $1/40$

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

B's one day work = $1/2A$

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

$\rightarrow 3/2A = 1/20$

$\rightarrow 2A = 60$

$\rightarrow A = 30$

$\rightarrow B = 60$

So, A, B, C one day work = $1/30 + 1/60 + 1/40 =$

$9/120 = 3/40$

\rightarrow A, B, C can finish their work in $40/3$ days

56. Ans. C.

Relative speed = $68 - 8 = 60$ km/hr = $60 \times 5 / 18$

m/s = $50/3$ m/s

Total distance = 150 m

Time taken to pass a man running in same direction

= $150 \times 3/50 = 9$ seconds

57. Ans. C.

Speed of the train = $12000 / 10 \times 60 = 20$ m/s

Length of the train = Speed \times time = $20 \times 6 =$

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 = $25/75 \times 100$

= $100/3 = 33.33\%$

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 .

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

$\Rightarrow y = 2x$

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

Profit% = $x/x \times 100 = 100\%$

62. Ans. A.

Rate = 4%

Time = 8 years

Simple Interest = $PTR/100 = 32P/100$

Given, $P - 32P/100 = 340$

$\Rightarrow 68P = 34000$

$\Rightarrow P = 500$

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 = 14 litre

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 be 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 idiom.

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.
