

**SECTION 1- ENGLISH LANGUAGE USAGE AND READING
COMPREHENSION (50 QUESTIONS)**

Direction (for Q.Nos.1-10): Identify the word that has same meaning in the list below:

1. LAMENT

- a) Complain
- b) Comment
- c) Condone
- d) Console

2. GARRULITY

- a) Credulity
- b) Senility
- c) Loquaciousness
- d) Speciousness

3. MOROSE

- a) Annoyed
- b) Gloomy
- c) Distracted
- d) Displeased

4. VORACIOUS

- a) Truthful
- b) Gluttonous
- c) Funny
- d) Venturous

5. UNCOUTH

- a) Ungraceful
- b) Lazy
- c) Slovenly
- d) Dirty

6. SCINTILLATING

- a) Smouldering
- b) Touching
- c) Warming
- d) Glittering

7. INCIPIENT

- a) Mature
- b) Nascent
- c) Despondent
- d) Final

8. ALTRUISM

- a) Misery
- b) Indifference
- c) Veracity
- d) Generosity

9. ACRID

- a) Mild
- b) Pungent
- c) Severe
- d) Slight

10. ADMONISH

- a) Punish
- b) Curse
- c) Dismiss
- d) Reprimand

Direction (for Q.Nos.10 - 15): Choose the word which is the exact OPPOSITE of the given words.

11. INSIPID

- a) Tasty
- b) Stupid
- c) Discreet
- d) Fast

12. MALODOROUS

- a) Acrid
- b) Pungent
- c) Fragrant
- d) Delicious

13. OVERT

- a) Open
- b) Deep
- c) Secret
- d) Transparent

14. VANITY

- a) Pride
- b) Humility
- c) Conceit
- d) Ostentatious

15. GREGARIOUS

- a) Antisocial
- b) Glorious
- c) Horrendous
- d) Similar

Directions (for Q.Nos.16-20): In the following questions four alternatives are given for the idiom/phrase in **bold and italics** in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase.

16. Companies producing goods **play to the gallery** to boost their sales.

- a) Advertise
- b) Cater to the public taste
- c) Attempt to appeal to popular taste
- d) Depend upon the public for approval

17. I am afraid he is **burning the candle at both ends** and ruining his life.

- a) Wasting his money
- b) Becoming overgenerous
- c) Losing his objectives
- d) Overtaxing his energies

18. The time is running out, you must **look sharp**.

- a) Be careful
- b) Make haste
- c) Be punctual
- d) Be sensible

19. His friends advised him to be **fair and square** in his dealings.

- a) Careful
- b) Considerate
- c) Polite
- d) Upright

20. We should **give a wide berth** to bad characters.

- a) Give publicity to
- b) Publicly condemn
- c) Keep away from
- d) Not sympathize with

Direction (for Q.Nos.21-25): In questions given below, out of four alternatives, choose the one which can be substituted for the given words/sentence.

21. A man of lax moral

- a) Ruffian
- b) Licentious
- c) Pirate
- d) Vagabond

22. A style full of words

- a) Verbose
- b) Pedantic
- c) Rhetorical
- d) Abundant

23. Code of diplomatic etiquette and precedence

- a) Statesmanship
- b) Formalism
- c) Hierarchy
- d) Protocol

24. One who is not easily pleased by anything

- a) Maiden
- b) Mediaeval
- c) Precarious
- d) Fastidious

25. One who possesses many talents

- a) Nubile
- b) Exceptional
- c) Gifted
- d) Versatile

Directions (for Q.Nos.26-30): In the following questions, each passage consists of six sentences. The first and the sixth sentence (as S1 and S6) are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labeled as P, Q, R and S. You are required to find out the proper sequence of the four sentences and mark accordingly on the answer sheet

26. S1: There is a difference between Gandhi's concept of secularism and that of Nehru.

P: Nehru's idea of secularism was equal indifference to all religions and bothering about none of them.

Q: According to Gandhi, all religions are equally true and each scripture is worthy of respect.

R: Such secularism which means the rejection of all religions is contrary to our culture and tradition.

S: In Gandhi's view, secularism stands for equal respect for all religions.

S6: Instead of doing any good, such secularism can do harm instead of good.

The proper sequence should be:

- a) SQPR
- b) PSQR
- c) QSPR
- d) PRSQ

27. S1: Moncure Conway devoted his life to two great objects: freedom of thought and freedom of the individual.

P: They threaten both kinds of freedom.

Q: But something also has been lost.

R: There are now dangers, somewhat different in form, from those of the past ages.

S: In regard to both these objects, something has been gained since his time.

S6: Unless a vigorous and vigilant public opinion can be aroused in defense of them, there will be much less of both a hundred years hence than there is now.

The proper sequence should be:

- a) PQRS
- b) QSPR
- c) SQRP
- d) RSPQ

28. S1: In 1934, William Golding published a small volume of poems.

P: During the World War II (1939-45) he joined the Royal Navy and was present at the sinking of the Bismarck.

Q: He returned to teaching in 1945 and gave it up in 1962, and became a full time writer.

R: In 1939, he married and started teaching at Vishop Wordsworth School in Salisbury.

S: At first his novels were not accepted.

S6: But 'Lord of the Flies' which came out in 1954 was welcomed as "a most absorbing and instructive tale".

The proper sequence should be:

- a) RPQS
- b) RPSQ
- c) SRPQ
- d) SQPR

29. S1: There is a touching story of Professor Hardy visiting Ramanujan as he lay desperately ill in hospital at Putney.

P: 'No Hardy, that is not a dull number in the very least'.

Q: Hardy, who was a very shy man, could not find suitable words to comfort Ramanujan.

R: It was 1729.

S: The best he could do, as he got to the bedside was, "I say Ramanujan, I thought the number of the taxi I came down in was a very dull number".

S6: It is the lowest number that can be expressed in two different ways as the sum of two cubes.

The proper sequence should be:

- a) PRSQ
- b) QSRP
- c) QSPR
- d) SQRP

30. S1: The path of Venus lies inside the path of the Earth.

P: When at its farthest from the Earth, Venus is 160 million miles away.

Q: With such wide range between its greatest and least distances, it is natural that at times Venus appears much brighter than all others.

R: No other body ever comes so near the Earth, with the exception of the Moon and occasional comet or asteroid.

S: When Venus is at its nearest to the Earth, it is only 26 million miles away.

S6: When at its brightest, it is easily seen with the naked eye in broad day light.

The proper sequence should be:

- a) SRPQ
- b) SQRP
- c) PSQR
- d) QPRS

Direction (for Q.Nos.31-35): You are required to convert the sentence given in the questions into indirect speech.

31. The teacher said to Ram, "Congratulations ! Wish you success in life".

- a) The teacher congratulated Ram and said wish you success in life.
- b) The teacher wished congratulations and success in life to Ram.
- c) The teacher wished congratulations to Ram and wished him success in life.
- d) The teacher congratulated Ram and wished him success in life.

32. "You can't bathe in this sea," he said to me, "it's very rough".

- a) He said that I can't bathe in this sea because it's very rough.
- b) He said that you couldn't bathe in the sea if it was very rough.
- c) He said that I couldn't bathe in that sea as it was very rough.
- d) He said that you can't bathe in this sea since it was very rough.

33. He said to me, "I expected you to attend the function".

- a) He told me that he had expected me to attend the function.
- b) He told me that he expected me to attended the function.
- c) He told me that he expected me to have attended the function.
- d) He told me that he expected me to attend the function.

34. "What did you see at the South Pole?" Ashok asked Anil.

- a) Ashok asked Anil if he saw anything at the South Pole.
- b) Ashok asked Anil what he had seen at the South Pole.
- c) Ashok asked Anil what did he see at the South Pole.
- d) Ashok asked Anil that he saw anything at the South Pole.

35. John said to me, "If I hear any news, I'll phone you".

- a) John told me that if he heard any news, he will phone me.
- b) John told me that if he will hear any news, he will phone me.
- c) John told me that if he had heard any news, he would phone me.
- d) John told me that if he heard any news, he would phone me.

Direction (for Q.Nos.36-45): Read the following passages and answer the questions that follow.

Passage I

By launching a missile attack on Syria, U.S. President Donald Trump has made good on his threat to use force if chemical weapons are used in the civil war-stricken country, but he has also escalated the devastating, multi-sided conflict. This is the second time Mr. Trump has ordered a missile attack on Syria. Last year, after a chemical attack in Idlib province, the U.S. fired 59 cruise missiles at an airbase of President Bashar al-Assad. This time, after a suspected chemical attack in Douma, near Damascus, the U.K. and France joined hands with the U.S. to punish Mr. Assad's regime. On Friday night, over 100 missiles targeted three regime facilities; with this, the Pentagon said, Syria's chemical weapons programme has been gutted. While the use of chemical agents against civilians cannot and must not go unpunished, the manner in which the U.S. and its allies have acted raises serious questions. The U.S. undertook the strike before the Organization for the Prohibition of Chemical Weapons even began its investigation in Douma to ascertain if chemical weapons had in fact been used. It should have waited till the inter-governmental watchdog completed its investigation and then presented the case for action in the UN Security Council with requisite evidence. By acting merely on the basis of inputs from their intelligence agencies, the U.S.-led alliance flouted international law. Syrian government supporters chanted slogans against U.S. President Donald Trump during demonstrations following a wave of U.S., British and French military strikes, in Damascus, Syria, on Saturday.

It is also doubtful if Mr. Trump's "mission accomplished" bravado is justified. The fact that a provocation was perceived for a second strike within a year suggests that the first one failed to deter the Assad regime. On the other hand, Mr. Trump has dragged the U.S. deeper into the Syrian civil war. If there is a future chemical attack, either by Mr. Assad or by his rivals, the U.S. will be forced to act again,

perhaps more harshly. Worryingly, every time the U.S. bombs Syria, the chances of a military confrontation in the country between the U.S. and Russia heighten, given that Moscow remains firmly behind Mr. Assad. What Syrians need is not more bombs and missiles, but an end to the war, which has killed at least 400,000 people in seven years. There is no dispute that Mr. Assad is presiding over a monstrous military machine that has used brute force against his own people. But the ground reality in Syria is so complex that a sudden collapse of the regime would push the country and the millions who live in relative stability in regime-held territories into further misery. That is the last thing anyone wants. The focus of the West needs to shift from unilateral military action to aggressive multilateral diplomacy to find an immediate end to violence and then a long-lasting political solution. For that, the U.S. and Russia have to work together under a UN mandate. There is no other path to peace in Syria.

36. How many missiles have been launched by the U.S, U.K and France on Syria?

- a) 59 cruise missiles
- b) 60 cruise missiles
- c) 106 cruise missiles
- d) 100 cruise missiles

37. What do Syrians need now?

- a) More bombs and missiles
- b) Account of 400,000 people killed in past seven years
- c) A treaty that can bring peace in the country
- d) An end to the war

38. What does 'monstrous military machine' mean?

- a) U.S. military power
- b) U.K, U.S and France's alliance
- c) Syria itself
- d) Douma itself

39. Why is Douma, Damascus, mentioned in the passage?

- a) On Friday night, 100 missiles have been targeted on Douma, Damascus
- b) Douma's chemical weapons programme has been gutted
- c) Douma is presiding over a monstrous military machine
- d) There was a suspected chemical attack in Douma, Damascus

40. Which 'path to peace' is mentioned in Syria?

- a) Focus of the West on the unilateral military action
- b) Future chemical attack either by Mr. Assad or by his rivals
- c) Shift to aggressive multilateral diplomacy to put a complete end to violence and a long-lasting political solution
- d) Launching a missile attack and making a counter strike

Passage II

A close look at the facts relating to political interference in administration shows that it is not a one-way process. There is often a nexus between power hungry and corrupt politicians and civil servants with convenient principles. Many civil servants are only too anxious to oblige the politicians, and then cash the obligation when they need some special favour. So the attitude of self-righteousness adopted by the civil service is sometimes only a way of covering their own flaws by blaming others.

Every now and then some retired civil servant comes out with his memoirs, painting a glorious picture of the heights of administrative efficiency reached during his reign. There is often the suggestion that had there not been so much political interference, things would have been even more fantastic. It is not unusual for the self-styled hero to blame not only interfering politicians but also fellow civil servants who are idiots or crooks, for his failures. This attitude of smug self-satisfaction is, unfortunately, developed during the years of service. Self-preservation rather than service is encouraged by our whole system of rules and procedures.

The remedy has to be drastic and quickly effective. The over protection now granted to civil servants must end. Today to remove an erring civil servant is just not possible. And the only thing that the highest authority in the Government,

both in the State and at the Centre, can do is to transfer an official from one job to another. The rules for taking disciplinary action are so complicated that, in the end, the defaulting civil servant gets away, and gets his full emoluments even for the period of the disciplinary proceedings, thus making it a paid holiday for him.

The result is that the administration has become rule-oriented and not result-oriented. Action is possible against the official who takes some interest in his work, but no action is ever taken against a person who does not deliver the goods. If the country is to adopt a result-oriented approach, it is necessary to link job performance with job retention.

41. The facts relating to the problem of political interference indicate that:

- a) Honest bureaucrats are always being troubled by politicians.
- b) Politicians are often misled and trapped by civil servants.
- c) Politicians and civil servants co-operate to gain mutual advantages.
- d) Politicians and civil servants use interference as an excuse for victimizing the common man.

42. The attitude of self-righteousness adopted by the civil service, according to the writer:

- a) Is not welcomed and supported by politicians.
- b) Is dishonest and conceals the facts.
- c) Is very difficult to maintain because of opposition.
- d) Does not really help the public get fair treatment.

43. Civil servants who write their memoirs after retiring:

- a) Claim that they would have achieved outstanding success if interference had not come in the way.
- b) Prove that constant political interference made it impossible for them to do anything properly.
- c) Complain that the credit for their achievements goes to dishonest politicians.
- d) Prove that people of inferior quality in the civil service bring about interference.

44. The problem with the present set-up needing urgent action is:

- a) A lack of accountability on the part of civil servants.
- b) A lack of control over the power of politicians.
- c) A neglect of the ideals of self-righteousness.
- d) Complicated rules and procedures that greatly reduce efficiency.

45. The expression linking job performance with job retention refers to a policy in which:

- a) Selection to civil service jobs is on the basis of rigorous performance tests.
- b) Selection to civil service jobs is on the basis of rigorous performance and a minister's opinion is not the basis of transfer or promotion.
- c) Retention of good government servants by discouraging their going to private companies.
- d) Continuation in service will depend on satisfactory performance.

Direction (for Q.Nos.46-50): Which of the phrases given below each sentence should replace the phrase printed in bold type to make the sentence grammatically correct?

46. Acquisition of certain specific skills **can be facilitated from** general awareness, education to novel situations.

- a) Can be facilitated by
- b) May facilitate through
- c) Can be felicitated with
- d) May be felicitated with

47. The population of Tokyo is **greater than that of any other** town in the world.

- a) Greatest among any other
- b) Greater than all other
- c) Greater than those of any other
- d) No correction required

SECTION 2 - QUANTITATIVE ABILITY (50 QUESTIONS)

48. In addition to **enhance their reputations** through strategic use of philanthropy, companies are sponsoring social initiatives to open new markets.

- a) Of enhancing their reputation
- b) To having enhance their reputation
- c) To enhancing their reputation
- d) To have their reputation enhancing

49. The intruder stood quietly **for few moments**.

- a) For few time
- b) For the few moments
- c) For moments
- d) For a few moments

50. I need not offer any explanation regarding this incident - my behavior is **speaking itself**.

- a) Will speak to itself
- b) Speaks for itself
- c) Has been speaking
- d) Speaks about itself

a) Rs 9600
b) Rs 8200
c) Rs 8430
d) Rs 8400

a) Rs 7000
b) Rs 6000
c) Rs 5000
d) Rs 4000

a) Rs. 331
b) Rs. 1331
c) Rs. 320
d) Rs. 325

SECTION 2- QUANTITATIVE APTITUDE (50 QUESTIONS)

Direction (for Q.Nos.51-100): For each of the following questions, select the choice that best answers the question.

51. Anand and Deepak started a business investing Rs.22, 500 and Rs.35, 000 respectively. Out of a total profit of Rs. 13,800, Deepak's share is:

- a) Rs 9600
- b) Rs 8500
- c) Rs 8450
- d) Rs 8400

52. Yogesh started a business investing Rs. 45000. After 3 months, Pranab joined him with a capital of Rs. 60000. After another 6 months, Atul joined them with a capital of Rs. 90000. At the end of the year, they made a profit of Rs. 20000. What would be Atul's share in it?

- a) Rs 7000
- b) Rs 6000
- c) Rs 5000
- d) Rs 4000

53. Find the compound interest on Rs. 1000 at the rate of 20% per annum for 18 months when interest is compounded half yearly.

- a) Rs. 331
- b) Rs. 1331
- c) Rs. 320
- d) Rs. 325

54. The difference between simple and compound interest on a sum of money at 20% per annum for 3 years is Rs. 48. What is the sum?

- a) Rs. 550
- b) Rs. 500
- c) Rs. 375
- d) Rs. 400

55. The length, breadth and height of a room are in the ratio of 3:2:1. If breadth and height are halved while the length is doubled, then the total area of the four walls of the room will:

- a) remain the same
- b) decrease by 13.64%
- c) decrease by 15%
- d) decrease by 30%

56. If a 36 inches long strip of cloth shrinks to 33 inches after being washed, how many inches long will the same strip remain after washing if it were 48 inches long?

- a) 47 inches
- b) 44 inches
- c) 45 inches
- d) 46 inches

57. A and B are two alloys in which ratios of gold and copper are 5:3 and 5:11 respectively. If equal amounts of the two alloys are melted and made into alloy C, what will be the ratio of gold and copper in alloy C?

- a) 25 : 23
- b) 33 : 25
- c) 15 : 17
- d) 17 : 15

58. If $x : y = 5 : 2$, then $(8x + 9y) : (8x + 2y)$ is:

- a) 22 : 29
- b) 26 : 61
- c) 29 : 22
- d) 61 : 26

59. A man completes a certain journey by a car. If he covered 30% of the distance at the speed of 20 km/hr, 60% of the distance at 40km/hr and the remaining distance at 10 km/hr, his average speed is:

- a) 25 km/hr
- b) 28 km/hr
- c) 30 km/hr
- d) 33 km/hr

60. An athlete runs 200 meters race in 24 seconds. His speed in km/hr is:

- a) 20
- b) 24
- c) 28.5
- d) 30

61. In how many ways can 2 students be chosen from the class of 20 students?

- a) 190
- b) 180
- c) 240
- d) 390

62. From 6 men and 4 ladies, a committee of 5 is to be formed. In how many ways can this be done, if the committee is to include at least one lady?

- a) 246
- b) 340
- c) 290
- d) 315

63. A train 800 meters long is running at a speed of 78 km/hr. If it crosses a tunnel in 1 minute, then the length of the tunnel (in meters) is:

- a) 130
- b) 360
- c) 500
- d) 540

64. Two trains are running in opposite directions with the same speed. If the length of each train is 120 meters and they cross each other in 12 seconds, then the speed of each train (in km/hr) is:

- a) 10
- b) 18
- c) 36
- d) 72

65. The percentage increase in the area of a rectangle, if each of its sides is increased by 20% is:

- a) 40%
- b) 42%
- c) 44%
- d) 46%

66. The product of two numbers is 120 and the sum of their squares is 289. The sum of the numbers is:

- a) 20
- b) 23
- c) 169
- d) None of these

67. What is the sum of two consecutive even numbers, the difference of whose squares is 84?

- a) 34
- b) 38
- c) 42
- d) 46

68. Thirty nine persons can repair a road in 12 days, working 5 hours a day. In how many days will thirty persons, working 6 hours a day, complete the work?

- a) 10
- b) 13
- c) 14
- d) 15

69. If the selling price is doubled, the profit triples. Find the profit percentage.

- a) 66
- b) 120
- c) 100
- d) 106

70. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random. What is the probability that the ticket drawn has a number which is a multiple of 3 or 5?

- a) $\frac{1}{2}$
- b) $\frac{2}{5}$
- c) $\frac{8}{15}$
- d) $\frac{9}{20}$

71. In a class, there are 15 boys and 10 girls. Three students are selected at random. The probability that 1 girl and 2 boys are selected is:

- a) $\frac{21}{46}$
- b) $\frac{25}{117}$
- c) $\frac{1}{50}$
- d) $\frac{3}{25}$

72. A school has only four classes that contain 10, 20, 30 and 40 students respectively. The pass percentages of these classes are 20%, 30%, 60% and 100% respectively. Find the pass percentage of the entire school.

- a) 56%
- b) 76%
- c) 34%
- d) 66%

73. The average age of A, B, C, D and E is 40 years. The average age of A and B is 35 years and the average age of C and D is 42 years. Age of E is:

- a) 48
- b) 46
- c) 42
- d) 45

74. LCM of two numbers is 936. If their HCF is 4 and one of the numbers is 72, the other number is:

- a) 42
- b) 52
- c) 62
- d) None of these

75. After allowing a discount of 11.11%, a trader still makes a gain of 14.28%. At how many percent above the cost price does he mark the selling price of his goods?

- a) 28.56%
- b) 35%
- c) 22.22%
- d) None of these

76. A dealer buys dry fruits at Rs. 100, Rs. 80, and Rs. 60 per kilogram. He mixes them in the ratio of 3:4:5 by weight and sells at a profit of 50%. At what price per kilogram does he sell the dry fruits?

- a) Rs. 80
- b) Rs. 100
- c) Rs. 95
- d) None of these

77. A reduction of 10% in the price of tea enables a dealer to purchase 25 kg more tea for Rs. 22500. What is the reduced price per kg of tea?

- a) Rs. 70
- b) Rs. 80
- c) Rs. 90
- d) Rs. 100

78. A boy and a girl together fill a cistern with water. The boy pours 4 liters of water every 3 minutes and the girl pours 3 liters every 4 minutes. How much time will it take to fill 100 liters of water in the cistern?

- a) 36 minutes
- b) 42 minutes
- c) 48 minutes
- d) 44 minutes

79. There is provision of food in the fort for 1200 soldiers for 60 days. After 15 days, 200 soldiers leave the fort. Remaining food will last for how many days?

- a) 56 days
- b) 50 days
- c) 54 days
- d) 48 days

80. A trader has 50 kg of pulses, part of which he sells at 14% profit and the rest at 6% loss. On the whole his loss is 4%. How much quantity is sold at 14% profit and how much at 6% loss?

- a) 5 kg, 45 kg
- b) 15 kg, 35 kg
- c) 10kg, 40 kg
- d) None of these

81. The cost of Type 1 rice is Rs. 15 per kg and Type 2 rice is Rs. 20 per kg. If both Type 1 and Type 2 are mixed in the ratio of 2 : 3, then the price per kg of the mixed variety of rice is:

- a) Rs. 18
- b) Rs. 18.50
- c) Rs. 19
- d) Rs. 19.50

82. The sum of the ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?

- a) 4 years
- b) 8 years
- c) 10 years
- d) None of these

83. The present ages of three persons are in the proportion of 4: 7: 9. Eight years ago, the sum of their ages was 56. Find their present ages (in years).

- a) 8, 20, 28
- b) 16, 28, 36
- c) 20, 35, 45
- d) None of these

84. At 3:40, the hour hand and the minute hand of a clock form an angle of:

- a) 120°
- b) 125°
- c) 130°
- d) 135°

85. How many times do the hands of a clock coincide in a day?

- a) 20
- b) 21
- c) 22
- d) 24

86. What is the least number of square tiles required to pave the floor of a room 15 m 17 cm long and 9 m 2 cm broad?

- a) 814
- b) 820
- c) 840
- d) 844

87. Ramesh owes Suresh Rs.10,028 due one year hence. Ramesh wants to settle the account after three months. If the rate of interest is 12% p. a, how much cash should he pay to Suresh?

- a) Rs. 9025.50
- b) Rs. 9200
- c) Rs. 9560
- d) Rs. 9600

88. The sum of the digits of a two-digit number is 10; when the digits are reversed, the number decreases by 54. Find the changed number.

- a) 28
- b) 19
- c) 37
- d) 46

89. Find the highest common factor of 36 and 84.

- a) 4
- b) 6
- c) 12
- d) 18

90. If $(64)^2 - (36)^2 = 20x$, then $x = ?$

- a) 70
- b) 120
- c) 180
- d) 140

91. $(0.04)^{-1.5} = ?$

- a) 25
- b) 125
- c) 250
- d) 625

92. If $x + y = \sqrt{32}$ and $(x-y)^2 = 20$, then $xy = ?$

- a) 2
- b) 3
- c) 4
- d) 5

93. Simplify: $b - [b - (a+b) - \{b - (b - a+b)\}] + 2a$

- a) a
- b) 2a
- c) 4a
- d) 0

94.
$$\frac{854 \times 854 \times 854 - 276 \times 276 \times 276}{854 \times 854 + 854 \times 276 + 276 \times 276} = ?$$

- a) 1130
- b) 578
- c) 565
- d) 1156

95. $a \times b = 2a - 3b + ab$, then $3 \times 5 + 5 \times 3 = ?$

- a) 20
- b) 21
- c) 22
- d) 23

96. $5.8 \times 2.5 + 0.6 \times 6.75 + 139.25 = ?$

- a) 157.60
- b) 147.80
- c) 147.60
- d) 157.80

97. A man invested Rs. 1552 in a stock at 97 to obtain an income of Rs. 128. The dividend from the stock is:

- a) 7.5%
- b) 8%
- c) 9.7%
- d) None of these

98. A 12% stock yielding 10% is quoted at:

- a) Rs. 83.33
- b) Rs. 110
- c) Rs. 112
- d) Rs. 120

99. The interest on Rs. 750 for 2 years is the same as the true discount on Rs. 960 due 2 years hence. If the rate of interest is the same in both cases, it is:

- a) 12%
- b) 14%
- c) 15%
- d) 16%

100. A sum of money is to be distributed among A, B, C and D in the proportion of 5:2:4:3. If C gets Rs. 1,000 more than D, what is B's share?

- a) Rs. 500
- b) Rs. 1000
- c) Rs. 1500
- d) Rs. 2000

SECTION 3- DATA SUFFICIENCY AND LOGICAL REASONING **(40 QUESTIONS)**

Directions (for Q.Nos.101-103): In each question below is given statement(s) followed by two conclusions numbered I and II. You have to assume everything in the statement(s) to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement(s). Give your answer as:

- a) If only conclusion I follows
- b) If only conclusion II follows
- c) If both I and II follow
- d) If neither I nor II follows

101. Statements:

1. Depleting natural resources is a major concern in our country.
2. Unless we go for renewable energy sources in a big way, increase in population, being a heavy burden on the energy resources, will reduce the quality of life.

Conclusions:

- I. Depleting resources impact quality of life.
- II. Use of renewable energy sources is a solution to counter increase in population.

102. Statements:

1. Knowledge is not a skill. It is learning and experience.
2. The illiterate are not those who cannot read and write but those who cannot learn.

Conclusions:

- I. Those who cannot read and write are illiterate.
- II. Knowledge and skill are two different things.

103. Statement:

If you are a good orator, then we definitely have a job for you.

Conclusions:

- I. Good orator is never jobless.
- II. We are in need of a good orator.

Directions (for Q.Nos.104-107): In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true, and then decide which of the two given suggested courses of action logically follows for pursuing. Give your answer as:

- a) If only I follows
- b) If only II follows
- c) If either I or II follows
- d) If neither I nor II follows

104. Statement: Severe drought is reported to have set in several parts of the country.

Courses of Action:

- I. Government should immediately make arrangement for providing financial assistance to those affected.
- II. Food, water and fodder should immediately be sent to all these areas to save the people and cattle.

105. Statement: Many medical and engineering graduates are taking up jobs in administrative services and in banks.

Courses of Action:

- I. All the professionals should be advised to refrain from taking up such jobs.
- II. The government should appoint a committee to find out the reasons for these professionals taking up such jobs and to suggest remedial measures.

106. Statement: Due to substantial reduction in fares by different airline services, large number of passengers so far travelling by upper classes in trains has switched over to airline services.

Courses of Action:

- I. The railways should immediately reduce the fare structure of the upper classes substantially to retain its passengers.
- II. The railways should reduce the capacity of upper classes in all the trains to avoid loss.

107. Statement: Exporters in the capital are alleging that commercial banks are violating a Reserve Bank of India directive to operate a post shipment export credit denominated in foreign currency at international rates from January this year.

Courses of Action:

- I. The officers concerned in the commercial banks are to be suspended.
- II. The RBI should be asked to stop giving such directives to commercial banks.

Directions (for Q.Nos.108-110): Each of the following questions consists of a statement followed by two arguments I and II. You have to decide which of the arguments is a STRONG Argument and which is a WEAK Argument. Give your answer as:

- a) If only Argument I is strong.
- b) If only Argument II is strong.
- c) If either I or II is strong.
- d) If neither I nor II is strong.

108. Statement: Should India create a huge oil reserve like some Western Countries to face difficult situations in future?

Arguments:

- I. No. There is no need to block huge amount of foreign exchange and keep the money idle.
- II. Yes. This will help India withstand shocks of sudden rise in oil prices due to unforeseen circumstances.

109. Statement: Should India make efforts to harness solar energy to fulfil its energy requirements?

Arguments:

- I. Yes. Most of the energy sources used at present is exhaustible.
- II. No. Harnessing solar energy requires a lot of capital, which India lacks.

110. Statement: Should luxury hotels be banned in India?

Arguments:

- I. Yes. They are places from where international criminals operate.
- II. No. Affluent foreign tourists will have no place to stay.

Directions (for Q.Nos.111-113): Each of the following questions consists of a statement followed by two assumptions numbered I and II. Consider the statement and decide which of the given assumptions is implicit. Give your answer as:

- a) If only assumption I is implicit
- b) If only assumption II is implicit
- c) If either I or II is implicit
- d) If neither I nor II is implicit

111. Statement: "In order to bring punctuality in our office, we must provide conveyance allowance to our employees." – In charge of a company tells Personnel Manager.

Assumptions:

- I. Conveyance allowance will not help in bringing punctuality.
- II. Discipline and reward should always go hand in hand.

112. Statement: The State government has decided to appoint four thousand primary school teachers during the next financial year.

Assumptions:

- I. There are enough schools in the state to accommodate four thousand additional primary school teachers.
- II. The eligible candidates may not be interested to apply as the government may not finally appoint such a large number of primary school teachers.

113. Statement: "Avon Cycles – Fast, easy to ride, impressive, reliable, crafted and up-to-date automation." – An advertisement.

Assumptions:

- I. There is no other cycle with any of these features.
- II. People do not bother about the cost.

Directions (for Q.Nos.114-115): Each of the following questions contains a small passage followed by four statements. You have to select the statement that is best supported by the passage.

114. Obesity is a serious problem in this country. Research suggests that obesity can lead to a number of health problems including diabetes, asthma, and heart disease. Recent research has even indicated that there may be a relationship between obesity and some types of cancer. Major public health campaigns that increase awareness and propose simple lifestyle changes that will, with diligence and desire, eliminate or at least mitigate the incidence of obesity are a crucial first step in battling this critical problem.

The passage best supports the statement that:

- a) Public health campaigns that raise consciousness and propose lifestyle changes are a productive way to fight obesity.
- b) Obesity is the leading cause of diabetes in our country.
- c) People in our country watch too much television and do not exercise enough.
- e) A decline in obesity would radically decrease the incidence of asthma.

115. Georgia is older than her cousin Marsha. Marsha's brother Bart is older than Georgia. When Marsha and Bart are visiting Georgia, all three like to play a game of Monopoly. Marsha wins more often than Georgia does.

This passage best supports the statement that:

- a) When he plays Monopoly with Marsha and Georgia, Bart often loses.
- b) Of the three, Georgia is the oldest.
- c) Georgia hates to lose at Monopoly.
- d) Of the three, Marsha is the youngest.

Directions: (for Q.Nos.116-119): Each of the questions below consists of a question followed by two statements numbered I and II. You have to decide whether the data provided in the statements are sufficient to answer the question. Give your answer as:

- a) If statement I alone is sufficient while statement II alone is not sufficient
- b) If statement II alone is sufficient while statement I alone is not sufficient
- c) If either statement I or statement II is sufficient
- d) If neither statement I nor statement II is sufficient

116. Question: Madan is elder than Kamal and Sharad is younger than Arvind. Who among them is the youngest?

Statements:

- I. Sharad is younger than Madan.
- II. Arvind is younger than Kamal.

117. Question: How much money do Vivek and Suman have together?

Statements:

- I. Suman has 20 rupees less than what Tarun has.
- II. Vivek has 30 rupees more than what Tarun has.

118. Question: What is the shortest distance between Devipur and Durgapur?

Statements:

- I. Durgapur is 20 kms away from Rampur.
- II. Devipur is 15 kms away from Rampur.

119. Question: Manoj, Prabhakar, Akash and Kamal are four friends. Who among them is the heaviest?

Statements:

- I. Prabhakar is heavier than Manoj and Kamal but lighter than Akash.
- II. Manoj is lighter than Prabhakar and Akash but heavier than Kamal.

Direction (for Q. No. 120): The following question contains a small paragraph followed by a question on it. Read the paragraph carefully and answer the question given below it.

120. The prevention of accidents makes it necessary not only that safety devices be used to guard exposed machinery but also that mechanics be instructed in safety rules which they must follow for their own protection, and that lighting in the plant be adequate.

The passage best supports the statement that industrial accidents:-

- a) are always avoidable
- b) may be due to ignorance
- c) cannot be entirely overcome
- d) can be eliminated with the help of safety devices and safety rules

Direction (for Q.Nos.121-124): Complete the series by filling the blank.

121. 58, 52, 46, 40, 34, ____.

- a) 26
- b) 28
- c) 30
- d) 32

122. VI, 10, V, 11, ____, 12, III.

- a) II
- b) IV
- c) IX
- d) 14

123. 7, 10, 8, 11, 9, 12, ____.

- a) 7
- b) 10
- c) 12
- d) 13

124. 664, 332, 340, 170, _____, 89.

- a) 85
- b) 97
- c) 109
- d) 178

Direction (for Q.Nos.125-128): Complete the sequence by filling the blank.

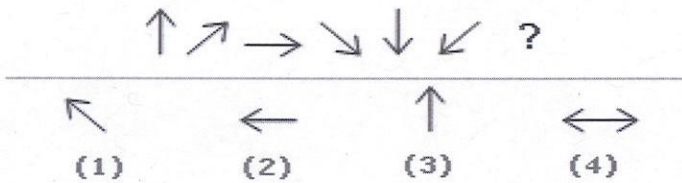
125. QPO, NML, KJI, ____, EDC.

- a) HGF
- b) CAB
- c) JKL
- d) GHI

126. SCD, TEF, UGH, _____, WKL.

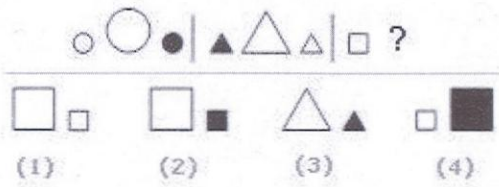
- a) CMN
- b) UJI
- c) VIJ
- d) IJT

127.



- a) 1
- b) 2
- c) 3
- d) 4

128.



- a) 1
- b) 2
- c) 3
- d) 4

Directions (for Q. Nos 129 - 132): Four persons teach different subjects to students of different classes. B is very poor in Mathematics and Science. C does not teach students of Standard I and IV. C does not teach Science. Students of Standard below IV are too young to learn computers. A teaches students of Standard III. B does not teach students of Standard II and IV. D and A do not teach English. Each person teaches a single subject. Answer the questions given below:-

129. Who teaches students of Standard II?

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

130. Who teaches English?

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

131. C teaches which of the following subjects and to which Standard?

- a) Mathematics, III
- b) English, I
- c) Mathematics, II
- d) Science, II

132. Who teaches computers?

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

Directions (for Q.Nos.133-136): In each of the following questions, two statements numbered I and II are given. There may be cause and effect relationship between the two statements. These two statements may be the effect of the same cause or independent causes. These statements may be independent causes without having any relationship. Read both the statements in each question and mark your answer as:

- a) If statement I is the cause and statement II is its effect
- b) If statement II is the cause and statement I is its effect
- c) If both the statements I and II are independent causes
- d) If both the statements I and II are effects of independent causes

133. Statements:

- I. Majority of the citizens in the locality belongs to higher income group.
- II. The sales in the local super market are comparatively much higher than in other localities.

134. Statements:

- I. The life today is too fast, demanding and full of variety in all aspects which at times leads to stressful situations.
- II. Number of suicide cases among teenagers is on the increase.

135. Statements:

- I. The local co-operative credit society has decided to stop giving loans to farmers with immediate effect.
- II. A large number of credit society members has withdrawn major part of their deposits from the credit society.

136. Statements:

- I. There is sharp decline in the production of oil seeds this year.
- II. The Government has decided to increase the import quantum of edible oil.

Direction (for Q.Nos.137-138): In the questions below, choose the word which is different from the rest.

137.

- a) Area
- b) Variable
- c) Circumference
- d) Perimeter

138.

- a) Heading
- b) Body
- c) Letter
- d) Closing

Directions (for Q.Nos.139-140): In the following questions, some words are translated from an artificial language and given in three sentences. Read the sentences and answer the question that follows:

139. daftafoni means advisement

imodafta means misadvise

imolokti means misconduct

Which word could mean "statement"?

- a) Kratafoni
- b) Kratadafta
- c) Loktifoni
- d) Daftaimo

140. krekinblaf means workforce

dritakrekin means groundwork

krekinalti means workplace

Which word could mean "someplace"?

- a) Moropalti
- b) Krekindrita
- c) Altiblaf
- d) Dritaalti

SECTION 4-GENERAL KNOWLEDGE AND CONTEMPORARY
BUSINESS SCENARIO (40 QUESTIONS)

141. Coral reefs in India are found in:

- a) Cochin
- b) Vishakhapatnam
- c) Lakshadweep
- d) Trivandrum

142. In a normal human body, the total number of red blood cells is:

- a) 15 trillion
- b) 20 trillion
- c) 25 trillion
- d) 30 trillion

143. Philology is the:

- a) study of bones
- b) study of muscles
- c) study of architecture
- d) science of languages

144. Study of life in outer space is known as:

- a) endobiology
- b) exobiology
- c) enterbiology
- d) neobiology

145. The Headquarters of International Atomic Energy Agency (IAEA) are situated at:

- a) Vienna
- b) Geneva
- c) Rome
- d) Paris

146. The Headquarters of International Economic Association (IEA) are situated at:

- a) Barcelona, Spain
- b) Geneva City, Switzerland
- c) New York City, USA
- d) Amsterdam, Netherlands

147. UNESCO declares which city as World Book Capital 2019?

- a) Riffa
- b) Sharjah
- c) Sohar
- d) Fujairah

148. The playground of baseball is known as:

- a) Court
- b) Diamond
- c) Ring
- d) Pitch

149. The term butterfly is associated with:

- a) Kabaddi
- b) Swimming
- c) Boxing
- d) Wrestling

150. Ankush Dahiya is associated with which sports?

- a) Wrestling
- b) Wushu
- c) Boxing
- d) Archery

151. The third highest civilian award in India given for distinguished service in any field is:

- a) Padma Vibhushan
- b) Padma Bhushan
- c) Padma Shri
- d) Bharat Ratna

152. The largest fresh water lake in India is:

- a) Luni lake
- b) Sambhar lake
- c) Wular lake
- d) None of the above

153. India's first blood bank for Cattle is to be set up in which state?

- a) Andhra Pradesh
- b) Kerala
- c) Odisha
- d) Tamil Nadu

154. Which union minister has inaugurated the World Sustainable Development Summit – 2018?

- a) Harsh Vardhan
- b) Jual Oram
- c) Narendra Modi
- d) Anant Geete

155. Who has been appointed as the brand ambassador for Government's Skill India campaign?

- a) Sonam Kapoor
- b) Deepika Padukone
- c) Jaya Bachan
- d) Priyanka Chopra

156. Union Government launches which scheme to attract Indian scientists abroad?

- a) VARA
- b) VAJRA
- c) VAAJRA
- d) VAJRAAA

157. Which country will be the first in the world to run all government ports on green energy?

- a) India
- b) Japan
- c) China
- d) Myanmar

158. Which state is going to set up a Block chain academy?

- a) Tamil Nadu
- b) Kerala
- c) Telangana
- d) Andhra Pradesh

159. Which state has announced free education for the transgender community?

- a) Gujarat
- b) Rajasthan
- c) Tamil Nadu
- d) Maharashtra

160. Which state has first automatic coastal warning for disasters in India?

- a) West Bengal
- b) Karnataka
- c) Odisha
- d) Madhya Pradesh

156. Union Government launches which scheme to attract Indian scientists abroad?

- a) Karnataka
- b) Odisha
- c) Andhra Pradesh
- d) Kerala

157. Which country will be the first in the world to run all government ports on private?

- a) Habibganj Railway Station
- b) Srinagar Railway Station
- c) Dharamsala Railway Station
- d) Varanasi Railway Station

158. Which state is going to set up a Blockchain Academy?

- a) Kolkata
- b) Delhi
- c) Lucknow
- d) Guwahati

159. Which one of the following pairs is not correctly matched?

- a) Volkswagen - Germany
- b) Nissan - Japan
- c) Hyundai - North Korea
- d) Chevrolet - America

160. Which state has first automatic coastal warning for disasters in India?

- a) International Yoga Day
- b) World Heart Day
- c) Father's Day
- d) Mother's Day

166. According to the Global Innovation Index 2017 India has been ranked:

- a) 63rd
- b) 59th
- c) 55th
- d) 60th

167. Which organization has launched world's lightest satellite designed by 18-year old Tamil Nadu student?

- a) NASA
- b) ISRO
- c) CSA
- d) None of these

168. Which of the following has become the first bank to introduce biodegradable gift card in the country?

- a) ICICI Bank
- b) Yes Bank
- c) Axis Bank
- d) HDFC Bank

169. Which of the following Bank commissions 200 solar-powered ATMs?

- a) ICICI Bank
- b) HDFC Bank
- c) Syndicate Bank
- d) Yes Bank

170. Which Indian IT company has been recognized as one of world's best employers by the Top Employer Institute for the third consecutive year?

- a) Infosys
- b) HCL
- c) WIPRO
- d) TCS

171. Which e-commerce firm starts its own food retail venture in India?

- a) Flipkart
- b) Alibaba
- c) Amazon
- d) eBay

172. Which company launched 'Auto Unnati' to ensure healthy ecosystem for Auto drivers?

- a) Uber
- b) Fasttrack
- c) Meru
- d) Ola

173. Which of these Indian companies featured among 135 most ethical companies of the world for 2018?

- a) Reliance & Tata Steel
- b) Flipkart & Dabur
- c) Wipro & Tata Steel
- d) NDTV & Mphasis

174. Which company has commissioned India's first rooftop solar carport recently?

- a) Moser Baer Solar Ltd
- b) Indosolar Ltd
- c) Tata Power Solar Systems Ltd
- d) Websol Energy Systems Ltd

175. Which Indian company is planning to launch its own crypto currency?

- a) Tech Mahindra
- b) Mahindra
- c) Larsen & Toubro
- d) Reliance Jio

176. Which company joins hands with NCERT to teach students Digital Safety?

- a) Apple
- b) Samsung
- c) Reliance
- d) Google

177. Which social network has launched a new tool 'Scheduler' to ease hiring process?

- a) Quikr
- b) Naukri
- c) LinkedIn
- d) Timesjobs

178. Who is the CEO of Google?

- a) Sundar Pichai
- b) Tim Cook
- c) Satya Nadella
- d) Bill Gates

179. Which messenger service application has launched its business version to enable businesses to communicate better with their customers globally?

- a) JioChat
- b) WhatsApp
- c) Hike
- d) Facebook

180. Who has been named the EY Entrepreneur of the Year 2017?

- a) E Sreedharan
- b) Sanjiv Bajaj
- c) Puneet Dalmia
- d) Nithin Kamath