

SNAP 2022 Memory Based Question Paper PDF

Verbal Ability

Q1. Fill in the blanks with the correct modal verb.

_____ I consult my doctor about this persistent cough.

- A. Would
- B. Shall
- C. Should
- D. Could

Q2. Choose the word from the options with the same meaning as the phrase given below:

"the activity of making designs by rolling and shaping narrow strips of paper"

- A. Quilting
- B. Papier-mâché
- C. Corralling
- D. Quilling

Q3. Identify the word with a prefix in this sentence:

"The submarine descended to a depth of 200 meters below the surface to explore the ocean floor."

- A. depth
- B. descended
- C. explore
- D. surface

Q4. Which of the following is closest to the given word?

conflagration

- A. exhilaration
- B. personification
- C. differentiation
- D. inferno

Q5. Identify the part of speech of the highlighted word in the following sentence:

"Wow, that was an incredible performance!"

- A. Noun
- B. Exclamation
- C. Interjection
- D. Preposition

Q6. Which type of figurative language has been used in the sentence given below:

The new teacher is as tall as a giraffe.

- A. Simile
- B. Metaphor
- C. Personification
- D. Hyperbole

Q7. Identify the option that represents the given sentence in the active voice:
The car was driven by John to the mechanic for repairs.

- A. John drives the car to the mechanic for repairs.
- B. John will drive the car to the mechanic for repairs.
- C. John drove the car to the mechanic for repairs.
- D. John had driven the car to the mechanic for repairs.

Q8. Select the option that represents the given sentence in reported speech:
Priya said to Dilip, "I always had this plan in my mind".

- A. Priya told Dilip that she always had this plan in her mind.
- B. Priya told Dilip that she always had that plan in her mind.
- C. Priya told Dilip that she always had had that plan in her mind.
- D. Priya told Dilip that he always had that plan in his mind.

Q9. Choose the part of the sentence that contains a grammatical error.
Banished from their own house (1)/, they gathered there belongings (2)/ and walked down the street (3)/ with eyes full of shame (4).

- A. 1
- B. 2
- C. 3
- D. 4

Q10. Identify the word which is similar to the meaning of the word given in capital letters.

SUBLIME

- A. creativity
- B. dispiriting
- C. astonishing
- D. difficult

Q11. Find out the wrongly spelt or inappropriate word.
(a) When we consider the native (b) genius of the Greeks, and their (c) marvelous achievements in philosophy, literature, and art, (d) we are surprised that they were so inferior to the Romans in juresprudence (e) No error

- A. d
- B. c
- C. b
- D. e

Q12. Identify the source of the phrase given below.
"De Facto"

- A. French
- B. Spanish
- C. Latin
- D. Portuguese

Q13. Fill in the blanks with the most appropriate word from the options

My boss let me ____ time off work.

- A. took
- B. to took
- C. to take
- D. take

Q14. Fill in the blanks with the appropriate words.

The government has ruled out the possibility of including the petroleum products __ GST.

- A. on
- B. in
- C. under
- D. over

Q15. Choose the correct alternative out of the four options.

Seema got used

Seema got used _____ on the right hand side as she had been living in the US for 5 years

- A. to driving
- B. to drive
- C. in driving
- D. for driving

Analytical & Logical Reasoning

Q16. Find out which assumptions are implicit in the given statement.

Statement: Newly inducted ministers were advised to comment carefully so that public doesn't question the abilities of the government.

Assumptions:

- I - Public have no trust in the government.
- II - Commenting carefully will help win next elections.
- III - The newly inducted ministers were inexperienced.

- A. I and II are implicit.
- B. Only III is implicit
- C. II and III are implicit
- D. None of these

Q17. Find if each one of them is an implicit inference based on the statement.

Statement: Mumbai is a very congested city and to overcome this problem, government had built a new city "Navi Mumbai" near to the Mumbai city in 1972.

I. The population density in Mumbai has not reduced much even after the creation of Navi Mumbai.

II. Navi Mumbai currently is less populated than Mumbai

- A. Only inference I is implicit
- B. Only Inference II is implicit
- C. Either statement I or II is implicit
- D. Neither statement I or II is implicit

Q18. Determine the relationship between these two statements:

Statement 1: Ramesh is throwing a party to his friends.

Statement 2: Ramesh recently got a promotion.

- A. Statement 1 is the cause and statement 2 is the effect.
- B. Statement 2 is the cause and statement 1 is the effect.
- C. Both are independent causes.
- D. Both are effects of independent causes.

Q19. Decide which answer choice correctly depicts the relationship between these two statements:

I: The electricity bills for households have increased.

II: The government raised the tariffs for electricity consumption by 10%.

- A. Statement I is the cause and statement II is the effect.
- B. Statement II is the cause and statement I is the effect.
- C. Both statements are independent causes.
- D. Both I and II are effects of some independent causes

Q20. Three inferences are given based on the following statement. Decide which inferences are valid:

Following the directions of Delhi High Court, the ECI has now directed all the political parties not to use public funds or public place to carry out any activity that would amount to propagating the party symbol

Statement I: Earlier all parties used to use public funds for propagating party symbols.

Statement II: The directions of the ECI are binding on the political parties.

Statement III: Propagating party symbol influences the voters.

- A. I only
- B. II only
- C. II and III only
- D. None of these

Q21. Statement: Over consumption of coke has been linked to many unpleasant side effects, including hair loss.

Which of the following, if true, does the most to weaken the author's claim?

- A. French Fries, which accompany the coke almost every time, causes hair loss according to the latest research.
- B. Most soft drinks contain excessive amounts of sugar which is strongly associated with premature aging.
- C. Average consumption of coke in people who have healthy hair growth is much less than that of people who suffer from hair loss.
- D. Caffeine is said to be the strongest hair loss catalyser.

Q22. Decide which of the suggested courses of action logically follow(s).

Situation: A multinational corporation is experiencing low employee engagement and high turnover rates among its senior executives.

Option 1: Offer financial incentives and salary raises to senior executives to improve job satisfaction and retention.

Option 2: Implement a comprehensive leadership development program to nurture and enhance the skills of senior executives.

- A. Only option 2
- B. Only option 1
- C. Neither 1 nor 2
- D. Both 1 and 2

Q23. Decide which of the suggested courses of action logically follow(s) to pursue.

Statement: The crime rate in a city has increased drastically, causing fear and insecurity among residents.

Course of Action I: Increase the presence of police patrols in high-crime areas and implement stricter law enforcement measures.

Course of Action II: Launch community outreach programs and initiatives to promote crime prevention and create a sense of unity and responsibility among residents.

- A. Only I
- B. Only II

- C. Neither I nor II
- D. Both I and II

Q24. Read the statement carefully and choose the correct answer accordingly.

Statement: The residents of Anna colony are complaining about the menace caused by the excessive number of street dogs.

Conclusion I: The city corporation should cull the street dogs.

Conclusion II: The city corporation must neuter the street dogs and relocate them to animal shelters.

- A. Only I follows
- B. Only II follows
- C. Both I and II follow
- D. Either I or II follow

Q25. A machine codes EAT as 100 and CAT as 60. Which of the following words will be coded as 40320?

- A. BAIN
- B. PAINT
- C. HIGH
- D. RAISE

Q26. In a certain coded language "PHYSICS" is written as "OIXTHDR" and "HORSE" is written as "GPQTD". How will "SNIPE" be written in this coded language.

- A. TMJOE
- B. ROHDQ
- C. ROHQD
- D. TMJOF

Q27. Pointing to a photograph, Monica(female) said 'The man in the photograph is the only son of my father's only brother's daughter'. How is Monica related to the person in the photograph?

- A. Niece
- B. Cousin
- C. Sister in law
- D. Aunt

Q28. How is K related to S based on the following family details?

1) A is the husband of T, 2) K is the son of R, 3) P is the daughter of A, 4) D is the wife of S who is the brother of P, 5) R is married to P

- A. son
- B. niece
- C. son-in-law
- D. nephew

- Q29. Identify the missing term: 3, 11, 31, 69, 131, ?
- A. 213
 - B. 223
 - C. 243
 - D. 343

- Q30. What should come in place of question mark (?) in the following number series?
- 1, 2, 7, 14, 23, ?
- A. 36
 - B. 37
 - C. 34
 - D. 33

- Q31. Which of the following options follow the same rule as the terms given below:
- HD, RI, TJ, ?
- A. ZM
 - B. LG
 - C. KE
 - D. XM

- Q32. A series is given with one term missing. Select the correct alternative:
- SB, UZ, WX, ?
- A. UA
 - B. UY
 - C. YV
 - D. UX

- Q33. In each of the following questions, find the odd word/letters/number pair from the given alternatives.
- A. BD
 - B. DU
 - C. EY
 - D. CI

- Q34. Decide which of the given conclusions, if any, follows from the given statements.
- Statement 1: All Circles are Rectangles
- Statement 2: No Circle is Triangle
- Conclusion I: Some Rectangles being Triangles is a Possibility
- Conclusion II: All Triangles are Rectangles
- A. Only Conclusion I follows
 - B. Both Conclusion I and II follows
 - C. Only Conclusion II follows

D. Neither Conclusion I nor Conclusion II follows

Q35. It has been 25 days since Sofu first met her friend, Kitto. Kitto had promised to meet her today, but when Sofu called, he said they could only meet on a Wednesday, 10 days from now. On which day of the week did they first meet?

- A. Monday
- B. Wednesday
- C. Thursday
- D. Tuesday

Q36. In a village, there are three types of people: Knights (always tell truth), Knaves (always lie), and Jokers (either truth or lie). A, B, and C make these statements:

A: "B is a Knight."

B: "C is a Knave."

C: "A and B are of the same type."

Determine the types of A, B, and C.

A. A is a Knight, B is a Knave, C is a Joker.

B. A is a Knave, B is a Knight, C is a Joker.

C. A is a Knight, B is a Joker, C is a Knave.

D. A is a Joker, B is a Knight, C is a Knave.

Q37. At what time, between 3 and 4 o'clock, will the hands of a clock be together?

- A. (160/11) minutes past 3
- B. (170/11) minutes past 3
- C. (180/11) minutes past 3
- D. (190/11) minutes past 3

Q38. Find the time shown by the clock if the hour hand is between 8 and 9 and the minute hand is pointing in the exact opposite direction of the hour hand.

- A. $10\frac{10}{11}$ minutes past 8
- B. $11\frac{4}{7}$ minutes past 8
- C. $13\frac{7}{13}$ minutes past 8
- D. $12\frac{11}{13}$ minutes past 8

Q39. Which of the following cannot be true based on the line-up of P, Q, R, S, T, and U?

Friends facing north. As many people between U and S as between R and T. S and T are not neighbors. R sits second to the right of S. U and R are neighbors. T sits at one of the ends. P and Q are not neighbors.

- A. P is the neighbor of S
- B. There are two persons between Q and U.

- C. Q is the neighbour of T
- D. Q is the neighbour of S

Q40. A machine rearranges word and numbers following a specific logic. If "cat 80 disc 12 44 33 too much" is Step 3, what will be Step 6?

- A. cat 80 disc 44 33 12 too much
- B. cat 80 disc 44 12 33 too much
- C. cat 80 disc 44 much 33 12 too
- D. No such step

Quantitative Aptitude & Data Interpretation

Q41. Praveen sold a table at 20% profit. If he had sold the table for 500 rupees less, he would have incurred a loss of 20%. What is the actual cost of the table?

- A. Rs.1500
- B. Rs.1000
- C. Rs.4000
- D. Rs.1250

Q42. 5 men working together can finish a piece of work in 10 days. 10 women can finish the same work in 7.5 days. If 3 men and 3 women work together, how much time will it take to complete the work?

- A. 15 days
- B. 10 days
- C. 12 days
- D. 18 days

Q43. Ram takes 30 minutes to reach office by car. One day, he drove at $\frac{4}{5}$ th of original speed for $\frac{1}{3}$ rd of total distance and remaining distance at $\frac{2}{5}$ th of the original speed. Find the time taken by Ram.

- A. 67.5 minutes
- B. 75 minutes
- C. 65 minutes
- D. 62.5 minutes

Q44. A two-digit number increases by 75% when its digits get reversed. Find the original number when the difference between the digits is 3.

- A. 63
- B. 36
- C. 30
- D. 69

Q45. The largest 4-digit number that leaves the same remainder when divided by 2, 3, 4 and 5 is:

- A. 9960
- B. 9999
- C. 9997
- D. 9961

Q46. Find the number of ways of arranging the letters of the word IMPORTANT such that "IMP" are always together in any order.

- A. 7!
- B. 27!
- C. 37!
- D. 8!

Q47. A bag contains yellow, red and green marbles. Probability of green is $\frac{1}{5}$. Twice as many yellow as green. Red marbles = 10. Total marbles?

- A. 50
- B. 60
- C. 20
- D. 25

Q48. The sum of all natural numbers less than 201 which are divisible by either 5 or 6 but not by both is?

- A. 6836
- B. 6556
- C. 6206
- D. None of these

Q49. In a college of 200, 112 took Maths, 160 took Physics, and 128 took Chemistry. If each student takes at least one, what is the minimum number who took all three?

- A. 0
- B. 10
- C. 15
- D. 20

Q50. If the radius and height of a solid cone are increased by 10% and 20% respectively, by what percentage is the volume of the cone increased?

- A. 47.20 percent
- B. 48.75 percent
- C. 58.15 percent
- D. 45.20 percent

Q51. The area of a circle is 616 m^2 . What is the area of the rectangle inscribed in the semicircle?

- A. 784 cm^2
- B. 196 cm^2
- C. 392 cm^2
- D. Cannot be determined

Q52. ABCD is a square of area 300 sq. cm . If triangle ABE is equilateral, what is the radius of the circle inscribed in the triangle?

- A. 4 cm
- B. 6 cm
- C. 5 cm
- D. 3 cm

Q53. Using the provided students table (2000 total): What is the ratio of

boys in class 9th to girls in class 10th and 5th combined?

- A. 10 : 7
- B. 7 : 10
- C. 14 : 11
- D. 11 : 14

Q54. Using the Revenue table: What is the average profit of companies A and E (in crores)?

- A. 48
- B. 56
- C. 24
- D. 28

Q55. What is the speed of boat in still water?

I. Boat covers 12 km in 2 hours downstream. II. Boat covers same distance in 4 hours upstream. III. Speed of stream is $\frac{1}{3}$ of boat in still water.

- A. Both I and II
- B. I and either II or III
- C. All I, II and III
- D. Question cannot be answered with the info given

Q56. If x_1 and x_2 are roots of $x^2 - 4x - c = 0$ and $5x_1 - x_2 = 38$, which is true?

- A. $c = 21$
- B. $x_1 = -7, x_2 = 3$
- C. $x_1 = 6, x_2 = -2$
- D. None of these

Q57. Find the number of real number solutions to:

$$\log_9(Y + 6)^2 + \log_{27}(11 - Y)^3 = 4$$

- A. 0
- B. 1
- C. 2
- D. More than 2

Q58. 16 Girls take 5 days to complete work. 15 Women take 4 days. If 10 Girls and 9 Women work 'x' days to complete it, what is x?

- A. 39/11 days
- B. 40/11 days
- C. 41/11 days
- D. 42/11 days

Q59. Rice types cost 32/- and 38/- per kg. Mixed rice sold for 42/- at 20% profit. Find the ratio.

- A. 1:2
- B. 2:1
- C. 1:1
- D. cannot be determined

Q60. Appu and Babu's weights are in ratio 5:6. If Appu's weight reduces by 10 kilos, the ratio becomes 2:3. What is Babu's weight?

- A. 30
- B. 40
- C. 50
- D. 60

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