

SNAP 2024 Memory Based Question Paper PDF

SNAP 2024 Verbal Ability

1. The following sentence has been split into four segments. Identify the segment that contains an inappropriately used preposition.
The hiker stumbled upon a beautiful waterfall / at the end of the trail / and marvelled on its majestic beauty / for several minutes.
 - (a) A) The hiker stumbled upon a beautiful waterfall
 - (b) B) at the end of the trail
 - (c) C) and marvelled on its majestic beauty
 - (d) D) for several minutes
2. Select the grammatically incorrect sentences.
A) The thing the Time Traveller held in his hand was a glittering metallic framework, scarcely larger than a small clock, and very delicately made.
B) There was ivory in it, and some transparent crystalline substance.
C) And now I must be explicit, for this that follows — unless his explanation is to be accepted — an absolutely unaccountable thing.
D) Taking one of the small octagonal tables that were scattered about the room, and setting it in front of the fire, with two legs on the hearthrug.
E) On this table he placed the mechanism.
 - (a) A) AC
 - (b) B) BD
 - (c) C) BE
 - (d) D) CD
3. Select the option that represents the given sentence in the passive voice:
The reforms could have affected a large number of marginal workers.
 - (a) A) A large number of marginal workers were affected by the reforms.
 - (b) B) A large number of marginal workers could have been affected by the reforms.
 - (c) C) A large number of marginal workers could have affected the reforms.
 - (d) D) A large number of marginal workers can be affected by the reforms.
4. Pakistan has approached the United Nations after India _____ to revoke the Indus water treaty.
 - (a) A) told
 - (b) B) call
 - (c) C) threatened
 - (d) D) talked
5. Choose the option that would fit both the given blanks.
i) The jury failed to grasp the full _____ of her testimony.
ii) You have to pay duties on goods that you _____ into the country.
 - (a) A) extent
 - (b) B) meaning

- (c) C) import
(d) D) bring
6. Identify the figure of speech in the below-given sentence.
I am feeling awfully good today.
- (a) A) Oxymoron
(b) B) Synecdoche
(c) C) Anti-Climax
(d) D) Euphemism
7. Select the antonym of Diffidence.
- (a) A) Timorousness
(b) B) Meekness
(c) C) Timidity
(d) D) Confidence
8. Select the option which best captures the meaning of the compound word given below:
Thoroughfare
- (a) A) A festivity or exhibition
(b) B) A valuable deal
(c) C) A main road
(d) D) A fight
9. Identify the correct phrasal verb from the list given below in the given sentence:
The team continued to slack off on their responsibilities, causing the manager to _____ on them.
- (a) A) cut into
(b) B) look up
(c) C) go off
(d) D) pick out
10. Select the word with the correct spelling.
- (a) A) idiosyncrasy
(b) B) posession
(c) C) wierd
(d) D) jist
11. Identify the origin/source of the given word below:
Check
- (a) A) German
(b) B) Persian
(c) C) Italian
(d) D) Polish

12. Which of the following statements are grammatically correct?
 A) Looking around the class, only a few hands were raised in response
 B) I was under the impression that the firm was being managed by the engineer from China
 C) Being the first born, she has always had a lot of responsibility on her shoulders
- (a) A) A only
 (b) B) C only
 (c) C) A and B only
 (d) D) B and C only
13. Choose the sentence in which the word 'fall' is incorrectly used.
- (a) A) The team fell apart as soon as differences started cropping up
 (b) B) The boy stumbled on the brick and fell down on the road
 (c) C) After the disastrous event, Sam had a big fall out with his family
 (d) D) His hair started falling off as soon as he turned fifty
14. Identify the parts of speech for the italicized numbered words:
 The MBA (1) is hardly a prerequisite for success, but it (2) certainly helps (3), and it has been getting more important (4) in recent years. Most (5) MBA programs equip their graduates to understand how (6) to deal with many of the important questions that their organizations will need to tackle (7) over time, and (8) that they will face in their careers.
- (a) A) 1-Noun, 2-Pronoun, 3-Adverb, 4-Adjective, 5-Adjective, 8-Conjunction
 (b) B) 1-Noun, 3-Adjective, 4-Adjective, 6-Adverb, 7-Adverb, 8-Article
 (c) C) 1-Noun, 2-Pronoun, 4-Adjective, 7-Adverb, 8-Conjunction
 (d) D) 2-Pronoun, 3-Verb, 4-Adjective, 7-Verb, 8-Conjunction
15. Rearrange the sentences and choose the correct order:
 A. One of the most prominent and romantic characters in the history of the Oriental world is Cyrus the Great.
 B. The territory over which Cyrus bore rule extended nearly three thousand miles from east to west, and fifteen hundred miles from north to south.
 C. He was the founder and organizer of the greatest empire the world has seen.
 D. Even with such a big empire, it is a matter of regret that so little is really known of the Persian hero, both in the matter of events and also of exact dates.
- (a) A) ACBD
 (b) B) CABD
 (c) C) ABDC
 (d) D) CBAD

SNAP 2024 Analytical & Logical Reasoning

16. Identify the incorrect term of the series: 4, 18, 48, 100, 180, 295
- (a) A) 18
 (b) B) 295
 (c) C) 180
 (d) D) 48

17. What should come in place of question mark(?) in the following number series: 5, 8, 10, 16, 20, 32, ?
- (a) A) 38
 - (b) B) 36
 - (c) C) 44
 - (d) D) 40
18. Select the related number from the given options: 78 : 225 : : 89 : ?
- (a) A) 305
 - (b) B) 289
 - (c) C) 324
 - (d) D) 296
19. Statements:
 1) Some letters are pins.
 2) Some keys are eyes.
 3) All letters are keys.
 Conclusions:
 I) Some pins are not letters.
 II) All pins are letters.
- (a) A) Only 1 follows
 - (b) B) Only 2 follows
 - (c) C) Either 1 or 2 follows
 - (d) D) Both 1 and 2 follows
20. Statements:
 Some pins are boards.
 Some boards are white.
 No pin is a box.
 Conclusions:
 I) Some boxes are not boards.
 II) No pins are white.
- (a) A) If only conclusion I follows
 - (b) B) If only conclusion II follows
 - (c) C) If either conclusion I or II follows
 - (d) D) If neither conclusion I or II follows
21. Select the odd number from the given alternatives.
- (a) A) 1
 - (b) B) 243
 - (c) C) 256
 - (d) D) 32
22. Based on the laptop distribution puzzle (Monday to Sunday):
 If HCL is related with Tuesday, Sony is related with Wednesday, similarly Lenovo is related with which day?

- (a) A) Thursday
 - (b) B) Friday
 - (c) C) Saturday
 - (d) D) Sunday
23. On which day of the week are Lenovo laptops distributed?
- (a) A) Tuesday
 - (b) B) Wednesday
 - (c) C) Friday
 - (d) D) Sunday
24. Which laptops are distributed just between the days when Lenovo and HP are distributed?
- (a) A) Asus
 - (b) B) Dell
 - (c) C) Sony
 - (d) D) HCL
25. If 'DANGER' is written as 'RDEAGN' in a certain code, then how would 'PARALLEL' be written in that code?
- (a) A) LAPAELLR
 - (b) B) LPALEALR
 - (c) C) LPEALRLA
 - (d) D) LPLEARAL
26. Rohit is the son of Rajesh's father's brother. How is Rohit related to Rajesh?
- (a) A) Cousin
 - (b) B) Son-in-law
 - (c) C) Nephew
 - (d) D) Grandfather
27. Mukesh said, 'This man's father is the father in law of my sister's husband's mother in law.' How is the man in the photograph related to Mukesh?
- (a) A) Father
 - (b) B) Grandfather
 - (c) C) Brother
 - (d) D) Uncle
28. At what time, between 4 and 5 o'clock, will the minute and hour hands be together?
- (a) A) 24 and $\frac{5}{7}$ minutes past 4 o'clock.
 - (b) B) 26 and $\frac{9}{11}$ minutes past 4 o'clock.
 - (c) C) 21 and $\frac{9}{11}$ minutes past 4 o'clock.
 - (d) D) 20 and $\frac{7}{9}$ minutes past 4 o'clock.

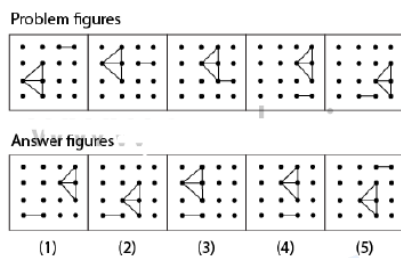
29. If 1st July, 1977 was a Friday then 1st July 1970 was a:

- (a) A) Wednesday
- (b) B) Thursday
- (c) C) Sunday
- (d) D) Tuesday

30. A watch gains 7 seconds in 4 minutes and is correctly set at 10:00 AM. What time will it show at 11:00 PM on the same day?

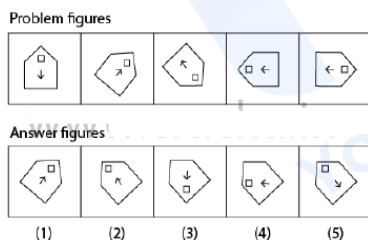
- (a) A) 11:21:05 PM
- (b) B) 11:22:45 PM
- (c) C) 11:21:25 PM
- (d) D) 11:21:55 PM

31. Identify the next figure in the sequence.



- (a) A) (1)
- (b) B) (2)
- (c) C) (3)
- (d) D) (4)

32. Identify the next figure in the sequence.



- (a) A) (1)
- (b) B) (2)
- (c) C) (3)
- (d) D) (4)

33. If * is an operator such that $2 * 5 = 32$, what is the value of $(4 * 3) / (2 * 5)$?

- (a) A) 0
- (b) B) 1
- (c) C) 2
- (d) D) 3

34. In a certain code language: 'Make your trip interesting' is 'de la pa ni', 'your trip be customized' is 'ha ni ta de', 'customized trip always good' is 'ta fa ka ni'. Which represents 'good trip always interesting'?

- (a) A) de ka ni la
- (b) B) fa ni ka ro
- (c) C) na fa de ha
- (d) D) ni fa la ka

35. Assumption Question: After the RBI's adoption of flexible inflation-targeting...
Assumptions:
I. There was a need to shift framework in 2016...
II. Monetary policy can be adjusted...
- (a) A) Only I
 - (b) B) Only II
 - (c) C) Both I and II
 - (d) D) Either I or II
36. Effect: At least twenty school children were seriously injured...
Which can be a probable cause?
- (a) A) The teacher fell ill.
 - (b) B) The bus met with an accident.
 - (c) C) The driver did not report after a break.
 - (d) D) The school authority banned picnics.
37. Statement: Large number of people from city X are admitted in hospitals with malaria.
Courses of action:
I. Carry out extensive fumigation.
II. City X should be vacated immediately.
- (a) A) Only I
 - (b) B) Either I or II
 - (c) C) Neither I nor II
 - (d) D) Both I and II
38. Statement: Companies should offer contractual workers a pathway to up-skill...
Arguments:
I) Building good relationships helps progress.
II) It is likely to face opposition from permanent staff.
- (a) A) I weakens the statement, whereas II strengthens it.
 - (b) B) Both I and II weaken the statement.
 - (c) C) I strengthens the statement, whereas II weakens it.
 - (d) D) Both I and II strengthen the statement.
39. Statements:
I. The country has seen no major breakthrough in medical research...
II. The government had banned patents and royalties on medicines.
- (a) A) Statement I is the cause and Statement II is its effect.
 - (b) B) Statement II is the cause and Statement I is its effect.
 - (c) C) Both the statements I and II are independent causes
 - (d) D) Both the statements I and II are effects of independent causes.
40. Statements:
I. A new covid variant 'Omicron' is spreading rapidly...
II. The central government is in a dilemma on whether to proceed with a lockdown.
- (a) A) Statement I and Statement II are effects of some common cause

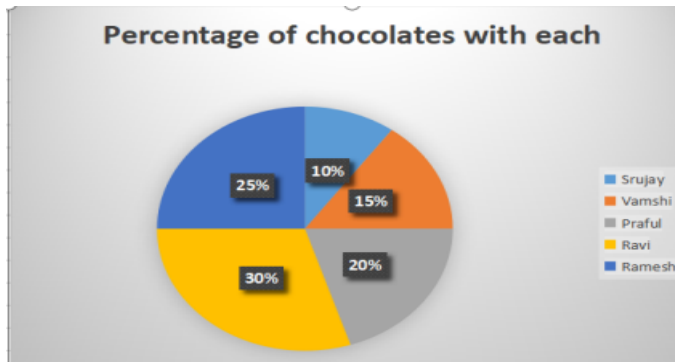
- (b) B) Statement I is the cause and Statement II is its effect
- (c) C) Statement I and Statement II are independent causes
- (d) D) Statement II is the cause and Statement I is its effect

SNAP 2024 Quantitative Aptitude & Data Interpretation

41. If $N = a \times b$ where a, b are prime numbers, then what are the number of factors of N^3/b^2 ?
- (a) A) 4
 - (b) B) 6
 - (c) C) 8
 - (d) D) 9
42. X is a single digit number such that the LCM of the two digit number $X6$ and 54 is 108. What is the value of X ?
- (a) A) 3
 - (b) B) 4
 - (c) C) 2
 - (d) D) 1
43. If one of the roots of $ax^2 + bx + c = 0$ is half of the other root, then which condition is true?
- (a) A) $b^2 - a^2 = 9ac$
 - (b) B) $4b^2 = 9ac$
 - (c) C) $b^2 = 18ac$
 - (d) D) $2b^2 = 9ac$
44. In a two-digit number, the difference between the digits is 4, and 10 times the number is equal to 14 times the sum of the number obtained by adding the digits of the original and the number formed by reversing the digits. Find the number.
- (a) A) 84
 - (b) B) 26
 - (c) C) 62
 - (d) D) 51
45. A large cube of volume 64 m^3 is broken down into small cubes of volume 8 m^3 each. The percentage increase in the surface area is:
- (a) A) 50%
 - (b) B) 100%
 - (c) C) 200%
 - (d) D) 75%
46. A, B and C are employed to do a piece of work for Rs. 700. A and B finish $17/28$ th of the work. Amount paid to C is?
- (a) A) Rs. 250

- (b) B) Rs. 275
(c) C) Rs. 150
(d) D) Rs. 200
47. Pipes/Tank Question: C takes 10 hours to fill the tank. How much time will three quarters of the tank be filled provided that all the taps (A, B, C) were opened simultaneously?
- (a) A) 7.5 hours
(b) B) 10 hours
(c) C) 5 hours
(d) D) 15 hours
48. Sam beats Ram by 20m in a 100m race. Sam gives Ram a head start such that they meet at the 75m mark. Result of the race?
- (a) A) Ram loses by 5m.
(b) B) Ram loses by 10 m.
(c) C) Ram loses by 15 m.
(d) D) The race ends in a dead heat.
49. If $\csc(30^\circ) + \cot(60^\circ) = y$. What is the value of y ?
- (a) A) $(2\sqrt{3} + 1)/\sqrt{3}$
(b) B) $(\sqrt{3} + 1)/\sqrt{3}$
(c) C) $(3\sqrt{2} + 1)/\sqrt{2}$
(d) D) $(2\sqrt{2} + 1)/\sqrt{2}$
50. If $a^2 = b^3 = c^4$ and $b^2 = d^5$, find the value of $\log_b a \times \log_d c$.
- (a) A) 8/45
(b) B) 4/15
(c) C) 8/15
(d) D) 16/45
51. Krishna's piggy bank contains coins (Rs. 1, 2, 5) in ratio 3:4:5. Total value is Rs. 1296. Number of Rs. 2 coins?
- (a) A) 108
(b) B) 432
(c) C) 216
(d) D) 144
52. A person travels $1/4$ distance at 20km/hr, $1/2$ at 40km/hr and rest at 10km/hr. Average speed?
- (a) A) 20 km/hr
(b) B) 25 km/hr
(c) C) 30 km/hr
(d) D) 40 km/hr

53. In an AP, the 12th term is 42. What should the common difference be such that the product of the 1st, 2nd, and 33rd terms is maximum?
- (a) A) $\frac{3}{2}$
 - (b) B) 2
 - (c) C) 0
 - (d) D) -2
54. In a carom tournament, games girl/boy = 150. Games two girls is 60 less than games two boys. Total strength?
- (a) A) 23
 - (b) B) 24
 - (c) C) 25
 - (d) D) 35
55. Bag with 4 red, 5 green, 6 yellow balls. Probability that exactly one drawn ball is yellow?
- (a) A) $\frac{21}{54}$
 - (b) B) $\frac{18}{35}$
 - (c) C) $\frac{5}{9}$
 - (d) D) $\frac{2}{5}$
56. Reduction of 20% in price of rice enables purchase of 4kg more for Rs. 120. Original price?
- (a) A) Rs. 20
 - (b) B) Rs. 7.50
 - (c) C) Rs. 8.25
 - (d) D) Rs. 12
57. Time required for money to become 31 times itself at 15% Simple Interest?
- (a) A) 150 years
 - (b) B) 200 years
 - (c) C) 205 years
 - (d) D) 175 years
58. Trader mixes 20kg rice at Rs. 15/kg with 25kg at Rs. 20/kg. Sells mixture at Rs. 24/kg. Profit/loss %?
- (a) A) 33.33% profit
 - (b) B) 35% loss
 - (c) C) 25% loss
 - (d) D) 35% profit



59. Pie chart question (350 total chocolates): Difference between person receiving highest and lowest?

- (a) A) 105
- (b) B) 80
- (c) C) 90
- (d) D) 70

60. Pie chart question (350 total chocolates): Average number of chocolates for Ravi, Praful, and Srujay?

- (a) A) 80
- (b) B) 70
- (c) C) 50
- (d) D) 60