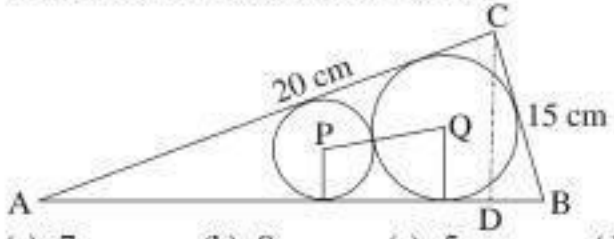


SNAP 2022 Memory Based Question Paper PDF

**GENERAL ENGLISH: READING
COMPREHENSION, VERBAL REASONING,
VERBAL ABILITY**

1. Which of the following words has a suffix appended to it?
(a) Frequently (b) Often
(c) Hydrophobia (d) Debunk
2. Fill in the blanks with the appropriate prepositions.
The book that has been recently brought _____ provides insight into bringing _____ children.
(a) up, up (b) in, out
(c) out, up (d) down, in
3. Fill in the blanks with the appropriate conjunction.
This can prove to be a difficult task for a leader _____ unfamiliar with building teams.
(a) yet (b) not
(c) until (d) but
4. Given below are four lines from the poem 'Morituri Salutamur': (Lines from this poem were asked in Slot 1 too.)
Line 1: Something remains for us to do or dare;
Line 2: Even the oldest tree some fruit may bear;
Line 3: And as the evening twilight fades away
Line 4: The sky is filled with stars, invisible by day.
Which of the lines follows the most standard word order?
(a) Line 1 (b) Line 2
(c) Line 3 (d) Line 4
5. Which of the following is a compound word?
(a) Hold (b) Scaffold
(c) Unsolved (d) Threshold
6. Which of the following is the most appropriate synonym of the word underlined below?
Ferguson is convincing because of her extensive use of detail, the perspicacity of her observations, and the scholarly care that she takes in the construction of her argument.
(a) Clarity (b) Cleverness
(c) Accuracy (d) Acuity
7. Fill in the blank with the appropriate adjective/adverb.
My mother worked _____ despite her fluctuating health condition.
(a) tiresome (b) tiring
(c) tirelessly (d) tired
8. Which of the following gives the meaning of the underlined idiom?
The politician managed to complete the project in the teeth of cynicism from his constituency.
(a) stiff opposition (b) indifference
(c) having humour (d) appreciation
9. Convert the following sentence into the tense given in brackets:
People think that globalization is a recent phenomenon. (Past Perfect)
(a) People thought that globalization was a recent phenomenon.
(b) People had thought that globalization has been a recent phenomenon.
(c) People were thinking that globalization was a recent phenomenon.
(d) People have been thinking that globalization will be a recent phenomenon.
10. Change the voice of the following sentence:
By the time you reach auditorium, the pianist would have finished the rendition.
(a) By the time auditorium is reached by you, the pianist would have finished to rendition.
(b) By the time you reach auditorium, the rendition would have finished the pianist.
(c) By the time auditorium is reached by you, the pianist will have finished the rendition.
(d) By the time you reach auditorium, the rendition would have been finished by the pianist.
11. Fill in the blanks with the appropriate words.
The wound of the _____ takes much time to _____.
(a) heal, heel (b) heel, hail
(c) heel, hall (d) heel, heal
12. Refer to the lines below:
Line 1: May I come in, Sir?
Line 2: Yes, please have a seat, Arun.
Line 3: Sir, I could not finish this project in time.
Line 4: But you ought to stick to deadlines, Arun.
Which of the lines uses a modal verb seeking approval?
(a) Line 1 (b) Line 2
(c) Line 3 (d) Line 4
13. Fill in the blank with the correct preposition.
_____, please find the cheque enclosed.
(a) On date (b) According
(c) As per the rules (d) Accordance
14. Fill in the blank with the appropriate option.
There is nothing as refreshing as _____ sleep.
(a) long (b) lengthy
(c) deep (d) short
15. Which of the following is the correct meaning of the proverb- A new broom sweeps clean.
(a) Old brooms are useless.
(b) We should frequently buy new brooms.
(c) Cleanliness is essential to our well being.
(d) A newly appointed person takes actions that are noticeable.

**QUANTITATIVE, DATA INTERPRETATION
AND DATA SUFFICIENCY**

16. In a political survey 78% of the politicians favour at least one proposal 50% of them are in favour of proposal A, 30% are in favour of proposal B, and 20% are in favour of proposal C. 5% are in favour of all three proposals. What is % of people favouring more than 1 proposal?
(a) 17 (b) 18
(c) 16 (d) None of these
17. Rohan sells two similar pens at Rs. 2580 and Rs. 1620. The % profit earned in first transaction is equal to percentage loss earned in 2nd transaction. At what price should these items be sold that final profit is 25%.
(a) 2100 each (b) None of these
(c) 1800 each (d) 2625 each
18. A four digit number is formed using digit 1, 2, 3, 4, 5, 6, 7 in all possible ways without repeating a digit. How many are greater than 3400.
(a) 560 (b) 580
(c) 540 (d) None of these
19. In an aeroplane the number of people aged 45 years and above is 20 and there are at most 26 people whose aged are below 45 years. The average age of all the people in the aeroplane is 32 years. What is largest possible average age, in years of the people whose ages are below 45 years?
(a) 22 (b) 20
(c) 21 (d) None of these
20. A train after travelling 150 km meets with an accident and after that proceeds with $\frac{3}{5}$ th of its previous speed and arrives at the destination 8 hours late. Had the accident occurred 360 km farther it would have been 4 hours. What is the total Distance Travelled?
(a) 780 (b) 880
(c) 720 (d) None of these
21. If $\cos \theta = \frac{1}{2}$ what will be $6 \cot^2 \theta - 1$
(a) 1 (b) 2
(c) 0.5 (d) None of these
22. When a bus started from a bus stop the ratio of male and female passengers was 4:1. At the first stop 16 male and 8 females passengers got down and 12 female passengers boarded. The ratio of male and female passengers become 8:3. Find the number of passengers when the bus started.
(a) 100 (b) 110
(c) 90 (d) None of these
23. 0.236, 0.449, 0.645, ?, 1, 1.165
(a) 0.684 (b) 0.724 (c) 0.987 (d) 0.828
24. Sum of $37\frac{1}{2}\%$ of a and $41\frac{2}{3}\%$ of b is 22. If $37\frac{1}{2}\%$ of a exceeds $41\frac{2}{3}\%$ of b by 2. Find a & b.
(a) 32, 18 (b) 36, 12 (c) 32, 24 (d) -34, 14
25. In a right triangle ACB, $\angle ACB = 90^\circ$ (shown in the figure). CD is height of the triangle. Find PQ.
(a) 7 (b) 8 (c) 5 (d) 20
- 
26. The price of 4 products A, B, C, D was increased in 2 years by
A : $k\%$ & $(k+1)\%$
B : $(k+2)\%$ & $(k-1)\%$
C : $(k+3)\%$ & $(k-2)\%$
D : $(k+4)\%$ & $(k-3)\%$
If initially all price were equal. The product with the lowest price after 2nd increase is?
(a) B (b) C
(c) D (d) None of these
27. The average runs scored by Sumesh in 4 innings is 50. In the fifth inning, Sumesh scores some runs such that his average now becomes 62. In the 6th inning he scores 10 runs more than 5th inning and now the average of his last five inning become 80. How many runs did he score in his 1st inning. (He does not remain not out in any inning).
(a) 28 (b) 26
(c) 30 (d) None of these
28. In a tourist place there are 3 buses A, B and C working together to take people around for sightseeing. They together carry 60 people in each trip. Yesterday A started making trips early morning almost carried 50 people in few trips and then stopped service. B and C then started together and made a few trips. If A, B and C made 10 trips in total to carry 300 people then, how many trips A alone would have made to carry 150 people?
(a) 15 (b) 10
(c) 30 (d) None of these
29. A Boy is flying a kite from the ground at the elevation 30° with string 100m. Another Boy is flying from the roof of 10 m tall building with elevation 45° . Both Boys are on the opposite sides of their kites. Find length of string the second boy must have so that both the kites meet.
(a) $40\sqrt{2}$ (b) $4\sqrt{10}$ (c) $42\sqrt{2}$ (d) $50\sqrt{2}$
30. In a box of 20 transistors, 4 were defective. If two transistors are chosen randomly what is the probability that atleast one is defective
(a) $\frac{7}{19}$ (b) $\frac{12}{19}$
(c) $\frac{4}{19}$ (d) None of these
31. Find the largest 4 digit number which when divided by 3, 4, 5 leaves the remainders 2, 3, 4 respectively.
(a) 9999 (b) 9959
(c) 9989 (d) None of these
32. In a huge rectangular water tank of dimension $150\text{m} \times 100\text{m}$ base. Water is filled using a pipe having cross sectional dimensions of $2\text{ dm} \times 1.5\text{ dm}$. The water flows at a speed of 15 kmph from the pipe. How many hours will the water in the tank be 3 m filled if measured from the base?
(a) 10 hrs (b) 50 hrs
(c) 100 hrs (d) None of the Above
33. 6 different sweet varieties of count 28, 189, 119, 77, 161, 112 were ordered for a particular occasion. They needed to be packed in such a way that each box has the same variety of sweets the number of sweets in each box is also the same. What is the minimum number of boxes required to pack?
(a) 97 (b) 98
(c) 99 (d) None of the above

DIRECTIONS (Qs. 34-35) : Study the following tables carefully and answer the questions given below:

Number of cars (In thousands) of different Models and Colours sold in two Metro cities in a year

Type	Metro M					Metro H				
	Colour					Colour				
	Black	Red	Blue	White	Silver	Black	Red	Blue	White	Silver
A	40	25	55	75	15	45	32	40	60	20
B	20	35	60	80	20	30	37	39	81	35
C	35	30	50	90	35	40	42	41	6	37
D	45	40	45	85	40	35	39	37	90	42
E	50	35	35	60	30	50	44	43	77	22
F	55	42	40	65	52	47	34	45	87	17

34. The difference between the white-coloured cars sold in the two metros of which of the following models is the minimum?
 (a) A (b) C
 (c) D (d) None of these
35. The total number of blue-coloured cars of Model E and D sold in Metro H is exactly equal to the number of white-coloured cars of which model in Metro M?
 (a) B (b) F
 (c) C (d) A

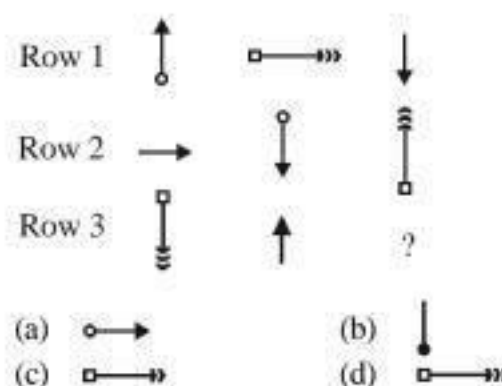
ANALYTICAL AND LOGICAL REASONING

36. If first I at the extreme left end of the meaningless word is 1, then which pair indicator the correct sequence of letters to form the same meaningful word
 ISNRNRTCTIPOAOA
 (a) 8, 15, 2, 7, 1, 14, 12, 9, 6, 4, 11, 3, 13, 5, 10, 8, 13, 2, 9, 10, 12, 14, 7, 4, 6, 11, 5, 15, 3, 1
 (b) 11, 4, 14, 8, 6, 15, 2, 7, 1, 3, 13, 9, 10, 12, 5; 11, 6, 12, 8, 4, 13, 2, 9, 10, 5, 15, 7, 1, 14, 3
 (c) 3, 13, 9, 10, 12, 5, 15, 11, 4, 1, 8, 6, 14, 2, 7, 5, 15, 7, 1, 14, 3, 13, 11, 6, 10, 5, 4, 12, 2, 9
 (d) 5, 15, 9, 10, 12, 3, 13, 11, 4, 2, 8, 6, 14, 1, 7; 5, 15, 7, 1, 12, 3, 13, 11, 6, 2, 8, 4, 14, 10, 9
37. Fourth Friday was on 30 December, 2005. What was the day of the week on 03- Jan-2010?
 (a) Sunday (b) Thursday
 (c) Saturday (d) Friday
38. Apple (A) $\wedge$ Barberry (B) = A is mother of B; A - B = A is brother of B A % B = A is father of B, A $\neq$ B = A is sister of B
 The name of maternal uncle of Jackfruit is peach in which me?
 (a) Jackfruit (S) - Narangi (N) $\wedge$ (M) melon $\neq$ Peach (P)
 (b) P $\wedge$ Santara (S) $\neq$ N - J
 (c) P - M $\wedge$ N $\neq$ J
 (d) J - S % P

39. Amar, Akbar, Anthony have habit of carrying a stylish item. Each of them Carries a different item among goggles, hat, gloves, or among them is a truth-fellow, or, liar, or alternator.

You are interested about glove. Who carries gloves?
 Amar : I do not carry gloves. Anthoney carries gloves.
 Akbar : I carry gloves. Amar carries goggles.
 Anthony : I carry hat. Akbar carries gloves.

- (a) Amar (b) Anthony
 (c) Data insufficient (d) Akbar
40. A clock was set to start at 12:00:00 am. If the current time is 05:10:00 am. The hour hand has formed what degree angle?
 (a) 150° (b) 155°
 (c) 157° (d) 152°
41. If $ab = 3$, $de = 27$ and $7dc = 3$ then $ab : dc :: de : ?$
 (a) 9168 (b) 38691
 (c) 729 (d) 19683
42. If BREAK THROUGH is EAOUHRBRGHKT, then CONTRIBUTION
 (a) None (b) NTTIBUONRICO
 (c) NTTIBUCORION (d) NTTIBUCOONRI
43. Atharva is son of Nannu who is sister of my mother-in-laws daughter. My only son's name is Nonu. I am the only son of my parents. Which of the following is incorrect?
 (a) My wife is Nonu's mother.
 (b) Atharva and Nonu's mothers are not real sisters.
 (c) Nonu's mothers mother is mother of my father's only daughter in laws
 (d) My mother-in-law's only daughter is Nonu's mother.
44. AC (CBABAB, ABC (CABAB, ABAC (CBAB, ABABC (CAB, ABABAC (CB
 (a) ABABAAC (C (b) ABABABC (C
 (c) BABAC (CBA (d) BAABC (CAB
45. Which figure replace the question mark?



46. Find the missing number?
 27, 22, 18, ?, 8, 3
 (a) 14 (b) 11
 (c) 15 (d) 13
47. Which dates in march 2008 fall on Sunday?
 (a) 3, 10, 17, 24, 31 (b) 1, 8, 15, 22, 29
 (c) 2, 9, 16, 23, 30 (d) 7, 14, 21, 28

DIRECTIONS (Qs. 48-49) : Read the given information carefully and answer the questions given beside:

Seven candidates A, B, C, D, E, F and G went to a party and wore different colored dress sitting in a linear row numbered 1-7 from left to right facing towards north direction. The distance between each is the successive multiple of 4.

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Target SNAP

One who is wearing Green dress is sitting to the left of the one who is wearing Black dress. B is not wearing Yellow dress. Person wearing a Blue dress is not at any end. One who is wearing Pink dress is fourth right of the one wearing Yellow dress. Neither C nor E wore Pink dress. Two candidates sit between C and E. F who wore a Red dress sits between C and E but at an odd numbered position. One who is wearing Pink dress is 28 m away from E. A is sitting at fourth left of E. One person sits between the one who wore a Red and Blue dress. D is second left of the one who wore a Blue dress. One who is wearing Black dress is not sitting at any end. The person who wore a Yellow colored dress sits at an even numbered position not immediately to the one who wore a Red dress. One person wore white colored dress.

After having dinner one who was wearing Yellow dress moved 20 m towards North to point P and after turning right moved another 28 m to point Q.

From Q the candidate takes a 90° turn towards the right and moves 60 m to point R. Again from R it moves towards point S which is exactly South of B.

48. What is the direction of point R with respect to candidate E?

- (a) North – East (b) South – West
(c) South – East (d) South

49. What is the position of F with respect to A?

- (a) Immediate Right (b) Immediate Left
(c) Second to the Right (d) Second to the Left

50. A set of words are given in each option, you have to first arrange each alphabet according to alphabetical series within the word then by using third letter from each word you have to decide from which set a meaningful word is not formed by rearranging them.

For example:

I. TPSOU, RAWTY, OBRHA, OBTAS, GNEBI

First Arrange them in alphabetical order

OPSTU, ARTWY, ABHOR, ABOST, BEGIN

Now using third letter from each word i.e. S, T, H, O, G
Meaningful word will be GHOST.)

- (a) FTEID, MESAT, OCLKP, GSIUD
(b) UGJYL, WTUZ, GERNC, PDOFV
(c) USVH, NDPMH, ETCNB, ITSD, OVEN
(d) QHFWA, MBNRH, SEVJ, TKXGU

DIRECTION (Q. 51) : Study the following information carefully to answer the given questions:

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule. The following is an illustration of input and rearrangement.

INPUT	3846	9231	7283	4731	8152	3285
STEP I	3468	1239	2378	1347	1258	2358
STEP II	1239	1258	1347	2358	2378	3468
STEP III	23	25	34	35	37	46
STEP IV	5	7	7	8	10	10

Step IV is the last step of the rearrangement. As per the rules followed in the above steps, find out in each of the following questions the appropriate steps for the given input.

Input: 7925 4758 2538 5628 8561 7426 3625 6245

51. What will the addition of the numbers which is second, forth, sixth and eight from the left end in step IV?

- (a) 32 (b) 23
(c) 38 (d) 40

52. TOMATO : MTOOTA :: 123412 : ?

- (a) 312214 (b) 123456
(c) 321124 (d) 213314

53. Find the missing number/alphabet?

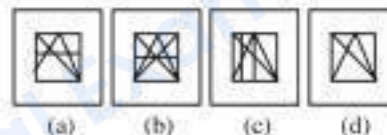


- (a) M (b) P
(c) 32 (d) None of these

54. Complete the figure



Answer figures :



DIRECTION (Q. 55) : In questions, which one of the given responses would be a meaningful order of the following.

55. 1. Adult 2. Old age
3. Adolescent 4. Childhood
5. Infant
(a) 5, 4, 3, 1, 2 (b) 1, 5, 4, 3, 2
(c) 1, 2, 3, 4, 5 (d) 3, 4, 5, 1, 2

56. Consider the statements and the following assumptions and decide which of the assumptions is/are implicit in the statement.

Statement :

"Please prepare and send the following documents to the accountant's address," said a proprietor to his assistant.

Assumptions :

- I. The assistant would follow the proprietor's instruction
II. The assistant would personally go and hand over the documents to the accountant

- (a) Both I and II are implicit
(b) Neither I nor II is implicit
(c) Only II is implicit
(d) Only I is implicit

57. Bihar Chief Minister Nitish Kumar on Monday launched a State-wide campaign as one of the major step for women empowerment to abolish dowry, stated it as major drawback of our society.

Is this decision sufficient to get rid from this custom, which is running from long time in Bihar?

Which of the following will be best suited option to get rid from dowry with their explanation?

- (a) Yes, as State govt. Is launching state wide campaign, it will impact the whole society of Bihar.
- (b) No, It will not impact too much untill thinking of people will changed and dowry will be declared as illegal and punishable offence in Bihar.
- (c) Yes, as many NGO run by women will also come against dowry.
- (d) No, It has been set in nerves of Bihar's society as one of the necessities of the marriage.

58. **Cause :** The Government has recently increased its taxes on petrol and diesel by about 10 percent.

Which of the following can be a possible effect of the above cause ?

- (a) The petroleum companies will reduce the prices of petrol and diesel by about 10 percent.
- (b) The petroleum companies will increase the prices of petrol and diesel by about 10 percent.
- (c) The petroleum companies will increase the prices of petrol and diesel by about 5 percent.
- (d) The petrol pumps will stop selling petrol and diesel till the taxes are rolled back by the government.

59. **Direction :** In the questions below, a statement is given followed by two arguments. Choose the most appropriate

option depending on which argument strengthens the given statement.

Statement : Study of Politics should be made compulsory in school

Arguments :

- I. Yes, an informed electorate is the key to strong democracy
- II. No, politics and education should not be mixed as it will affect education
- (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

DIRECTION (Q. 60): Study the following information carefully and answer the below questions.

A family consists of eight members and three married couples. No single parent has a child. *K* is the father of *H*. *M* is the only son of *N*. *K* is the brother-in-law of *M*. *K* does not have any siblings. *M* is the uncle of *P*. *Q* is the mother of the *M*'s. *N* is the maternal grandfather of *C*'s son. *G* is the sister-in-law of *C* and daughter-in-law of *Q*. *P* and *G* are of the same gender. *M*'s sister has only one son.

60. Who among the following person is the sister of *H*?

- (a) *K*
- (b) *M*
- (c) *G*
- (d) *P*