SNAP 2025 Question Paper with Solutions

Time Allowed :2 Hours	**Maximum Marks :**120	**Total Questions :**120

General Instructions

Read the following instructions very carefully and strictly follow them:

1. The CLAT 2026 examination is of two hours duration and carries a maximum of 120 marks.
2. The question paper consists of **120 multiple-choice questions** with four options for each question.
3. Each correct answer will be awarded **one mark**.
4. There is a **negative marking** of $\frac{1}{4}$ **mark** for each incorrect answer.
5. Candidates must use only a **Black/Blue Ball Point Pen** to darken the correct option in the OMR Answer Sheet.
6. Do not use ink pen, gel pen, pencil, whitener, or any other material on the OMR Sheet.
7. Rough work should be done only in the space provided in the test booklet.
8. The use of any electronic gadgets such as mobile phones, calculators, or digital watches is strictly prohibited.
9. The test booklet must not be torn or damaged in any way.
10. The candidate must write their **Name**, **Roll Number**, and **OMR Sheet Number** in the spaces provided and sign where required.

General English

1. If TACITURN : GARRULOUS, then INSOLVENT : _____

Correct Answer: Solvent

Solution:

Step 1: Understand the first pair of words.
The word **taciturn** means someone who is quiet or speaks very little, whereas **garrulous** means someone who talks excessively.
Thus, the relationship between TACITURN and GARRULOUS is that of **opposites (antonyms)**.

Step 2: Apply the same relationship to the second word.
The word **insolvent** refers to a person or organization that is unable to pay its debts.

The opposite of insolvent is **solvent**, which means having enough assets or money to meet financial obligations.

Step 3: Conclusion.
Since the relationship in the first pair is antonyms, the correct corresponding word for INSOLVENT is its antonym, which is **solvent**.

Quick Tip

In analogy questions, first identify the exact relationship (such as synonym, antonym, degree, or function) between the given pair before applying it to the second pair.

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2. The startup would not have secured the funding _____ its innovative business model and the founder's compelling pitch.

1. if not for it was
2. unless it was for
3. if it had been for
4. had it not been for

Rijak saimarini (option) bising soi kok kiphilmung saidi:

(1) if not for it was
(2) unless it was for
(3) if it had been for
(4) had it not been for

Correct Answer: (4) had it not been for

Solution:

Step 1: Identify the tense and structure of the sentence.
The sentence uses the structure **"would not have secured"**, which clearly indicates a **third conditional sentence** referring to an unreal situation in the past.

Step 2: Recall the correct third conditional expression.
In third conditional sentences, the correct idiomatic expression used to indicate a negative past condition is **"had it not been for"**, which means **"if it had not been for"**.

Step 3: Eliminate incorrect options.
(1) **if not for it was** – grammatically incorrect word order and tense.

(2) **unless it was for** – incorrect tense and meaning for a past unreal condition.
(3) **if it had been for** – incorrect structure; does not express negation properly.
(4) **had it not been for** – grammatically correct, idiomatic, and perfectly fits the third conditional structure.

Step 4: Conclusion.
The sentence is correctly completed using **"had it not been for"**, which accurately conveys the intended meaning.

Quick Tip

For unreal past conditions, use third conditional forms like **"had it not been for"** instead of incorrect mixed or present-tense constructions.

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3. The old bureaucratic system was a labyrinth of red tape, where a single request could take months to be processed.

1. Simile
2. Metaphor
3. Paradox
4. Euphemism

Rijak saimarini (option) bising soi kok kiphilmung saidi:

(1) Simile
(2) Metaphor
(3) Paradox
(4) Euphemism

Correct Answer: (2) Metaphor

Solution:

Step 1: Identify the figure of speech used.
The sentence directly compares the bureaucratic system to a **labyrinth of red tape** without using words like "as" or "like".

Step 2: Understand the meaning of the comparison.
A labyrinth suggests something complex, confusing, and difficult to navigate.
Here, the bureaucratic system is described as similarly complex and obstructive.

Step 3: Analyze the options.
(1) Simile – incorrect because similes use "like" or "as".
(2) Metaphor – correct because there is a direct comparison without comparative words.
(3) Paradox – incorrect because there is no self-contradictory idea.
(4) Euphemism – incorrect because no mild or indirect expression is used.

Step 4: Conclusion.
The figure of speech used in the sentence is a **metaphor**.

Quick Tip

A metaphor makes a direct comparison between two unlike things without using "like" or "as".

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4. The old library in Pune contained several recondite texts on ancient Indian philosophy that were accessible only to a handful of scholars.

1. Popular
2. Manifest
3. Esoteric
4. Pedestrian

Rijak saimarini (option) bising soi kok kiphilmung saidi:

(1) Popular
(2) Manifest
(3) Esoteric
(4) Pedestrian

Correct Answer: (3) Esoteric

Solution:

Step 1: Understand the meaning of the highlighted word.
The word **recondite** refers to something that is obscure, difficult to understand, and known only to a few people.

Step 2: Analyze the context of the sentence.
The sentence states that the texts were accessible only to a handful of scholars, indicating specialized and restricted knowledge.

Step 3: Evaluate the options.
(1) Popular – incorrect because it means widely known or liked.
(2) Manifest – incorrect because it means obvious or clear.
(3) Esoteric – correct because it means intended for or understood by only a small, specialized group.
(4) Pedestrian – incorrect because it means ordinary or dull.

Step 4: Conclusion.
The word that best matches the meaning of **recondite** in the given context is **esoteric**.

Quick Tip

Words like "recondite" and "esoteric" often indicate specialized knowledge understood by only a limited group.

Logical Reasoning

1. What was the day on 15th August, 1947?

Correct Answer: Friday

Solution:

Step 1: Recall the historical significance of the date.
15th August, 1947 is the date on which India gained independence.

Step 2: Determine the day of the week.
Using standard calendar calculations or historical records, 15th August, 1947 fell on a **Friday**.

Step 3: Conclusion.
Therefore, the day on 15th August, 1947 was **Friday**.

Quick Tip

Important historical dates are often asked with their corresponding days; remembering a few key ones can save time.

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2. Which year matched the calendar of 2007?

Correct Answer: 2018

Solution:

Step 1: Identify the type of year.
The year 2007 was a **non-leap year** that started on a **Monday**.

Step 2: Use the calendar repetition rule.
For non-leap years, the same calendar repeats after 11 years, then 11 years, then 6 years, depending on leap years in between.

Step 3: Apply the rule.
Adding 11 years to 2007 gives:

$$2007 + 11 = 2018$$

The year 2018 was also a non-leap year starting on Monday.

Step 4: Conclusion.
Thus, the calendar of 2007 matches the calendar of **2018**.

Quick Tip

Two years have the same calendar if they are both leap or both non-leap years and start on the same weekday.

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3. If a clock gets slow by 5 minutes every hour, and it was correct at 6 AM on Monday, what will be the time at 6 PM on Tuesday?

Correct Answer: 3 PM

Solution:

Step 1: Calculate the total actual time passed.
From Monday 6 AM to Tuesday 6 PM, the total time elapsed is:

$$24 + 12 = 36 \text{ hours}$$

Step 2: Determine the speed of the clock.
The clock loses 5 minutes every hour, so in 60 minutes it shows only 55 minutes.

Thus, the clock runs at $\frac{55}{60}$ of real time.

Step 3: Find the time shown by the clock.
Time shown by the clock in 36 hours:

$$36 \times \frac{55}{60} = 33 \text{ hours}$$

Step 4: Calculate the final time.
Starting from 6 AM Monday, adding 33 hours gives:

$$6 \text{ AM} + 33 \text{ hours} = 3 \text{ PM (Tuesday)}$$

Step 5: Conclusion.
The clock will show **3 PM**.

Quick Tip

For slow or fast clock problems, always compare shown time with actual time using ratios.

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4. Find the missing number: 5, 7, 13, 25, 45, _____

Correct Answer: 75

Solution:

Step 1: Find the differences between consecutive terms.

$$7 - 5 = 2, \quad 13 - 7 = 6, \quad 25 - 13 = 12, \quad 45 - 25 = 20$$

Step 2: Analyze the pattern of differences.
The differences are:

$$2,\ 6,\ 12,\ 20$$

These increase by:

$$+4,\ +6,\ +8$$

Step 3: Find the next difference.
Following the pattern, the next increase will be +10, so:

$$20 + 10 = 30$$

Step 4: Find the missing number.

$$45 + 30 = 75$$

Step 5: Conclusion.
The missing number in the series is **75**.

Quick Tip

When number differences increase regularly, always check the second-level pattern.

Quantitative Aptitude

1. Find the unit digit of $1! + 2! + 3! + \cdots + 100!$**.**

Correct Answer: 3

Solution:

Step 1: Observe the pattern of unit digits of factorials.

$$1! = 1, \quad 2! = 2, \quad 3! = 6, \quad 4! = 24$$

From 5! onwards, all factorials end with **0** in the unit digit.

Step 2: Consider only relevant terms.
So, the unit digits contributing to the sum are:

$$1! + 2! + 3! + 4! = 1 + 2 + 6 + 4 = 13$$

Step 3: Find the unit digit.
The unit digit of 13 is **3**.

Step 4: Conclusion.
The unit digit of $1! + 2! + 3! + \cdots + 100!$ is **3**.

Quick Tip

Factorials from 5! onwards always have unit digit zero, so they do not affect unit digit calculations.

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2. If a man covers one-third distance at speeds 10 km/h, 20 km/h, and 60 km/h, find the average speed.

Correct Answer: 18 km/h

Solution:

Step 1: Assume total distance.
Let the total distance be $3d$.
Then each part is d.

Step 2: Calculate time taken for each part.

$$\text{Time}_1 = \frac{d}{10}, \quad \text{Time}_2 = \frac{d}{20}, \quad \text{Time}_3 = \frac{d}{60}$$

Step 3: Find total time.

$$\text{Total time} = d\left(\frac{1}{10} + \frac{1}{20} + \frac{1}{60}\right) = d\left(\frac{6+3+1}{60}\right) = \frac{d}{6}$$

Step 4: Calculate average speed.

$$\text{Average speed} = \frac{3d}{d/6} = 18 \text{ km/h}$$

Step 5: Conclusion.
The average speed is **18 km/h**.

Quick Tip

For equal distances, average speed is not the arithmetic mean; always use total distance divided by total time.

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3. If the HCF of two numbers is 15 and their product is 1800, find the LCM.

Correct Answer: 120

Solution:

Step 1: Use the fundamental relation.
For any two numbers:

$$\text{HCF} \times \text{LCM} = \text{Product of the numbers}$$

Step 2: Substitute given values.

$$15 \times \text{LCM} = 1800$$

Step 3: Solve for LCM.

$$\text{LCM} = \frac{1800}{15} = 120$$

Step 4: Conclusion.
The LCM of the two numbers is **120**.

Quick Tip

Always remember: Product of two numbers = HCF $\times$ LCM.

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4. Two dice (one red and one blue) are thrown. Find the probability that the sum is prime and the number on the red die is greater than the blue die.

Correct Answer: $\frac{1}{6}$

Solution:

Step 1: Find total possible outcomes.
When two dice are thrown, total outcomes:

$$6 \times 6 = 36$$

Step 2: Identify prime sums.
Possible prime sums are:

$$2,\ 3,\ 5,\ 7,\ 11$$

Step 3: List favorable outcomes with red die ¿ blue die.
Valid outcomes satisfying both conditions are:

$$(2,1),\ (3,2),\ (4,1),\ (4,3),\ (5,2),\ (6,1)$$

Step 4: Count favorable outcomes.
Number of favorable outcomes = 6

Step 5: Calculate probability.

$$\text{Probability} = \frac{6}{36} = \frac{1}{6}$$

Step 6: Conclusion.

The required probability is $\boxed{\frac{1}{6}}$.

Quick Tip

In probability problems with multiple conditions, list outcomes carefully to avoid missing or extra cases.