

UNIT I – QUANTITATIVE ABILITY III Puzzles

1. Algebra Puzzle:

A number when squared and increased by 10 gives the same result as when it is tripled. What is the number?

2. Direction Sense Puzzle:

Ravi walks 10 m north, then turns right and walks 5 m, then turns right again and walks 10 m. In which direction is he from his starting point?

3. Venn Diagram Puzzle:

Among 100 students, 70 like Math, 60 like Physics, and 40 like both. How many students like only one of the subjects?

UNIT II – QUANTITATIVE ABILITY IV Puzzles

1. Puzzle Based on Divisibility:

Find the smallest number which is divisible by 12, 15, and 20 and leaves a remainder of 2 in each case.

2. Trigonometry Puzzle:

If $\sin A = 3/5$ and A is acute, find the value of $\cos A$ and $\tan A$.

3. Number Series Puzzle:

What comes next in the series: 2, 6, 12, 20, 30, ?

UNIT III – VERBAL REASONING II Puzzles

1. Sentence Arrangement Puzzle:

Rearrange: A. Is a beautiful city. B. Paris C. Known for its culture. D. And landmarks.

2. Cloze Test Puzzle:

Fill in the blank: "He is very _____ in solving analytical problems." (a) quick (b) quietly (c) quicker (d) quickest

3. Vocabulary Puzzle:

Find the odd one out: (a) joy (b) happiness (c) sorrow (d) delight

UNIT IV – NON-VERBAL REASONING Puzzles

1. Pattern Recognition Puzzle:

Identify the missing shape in a sequence of geometric figures.

2. Data Arrangement Puzzle:

Five people A, B, C, D, E are sitting in a row. A is to the right of B but left of C. D is at the end. Who is sitting in the middle?

3. Incomplete Pattern Puzzle:

A sequence shows: ▲ ■ ▲ ▲ ■ ▲ ▲ ▲ ■ ... What comes next?

UNIT V – LINGUISTIC SKILLS III Puzzles**1. Subject-Verb Agreement Puzzle:**

Choose the correct sentence: (a) The list of items are on the table. (b) The list of items is on the table.

2. Preposition Puzzle:

Choose the right word: "He is good ____ mathematics." (a) at (b) in (c) on (d) by

3. Sentence Improvement Puzzle:

Improve: "He do not know the answer." → (a) does not (b) did not (c) don't (d) is not