

Commissionerate of Collegiate Education
JKC Monitoring Cell

Section-1 Arithmetic

Topic

Unit-I

1.1 BODMAS

1.2 Fractions and Decimals -1

1.2 Fractions and Decimals -2

1.3 Algebraic Formulae

1.4 Divisibility Rules

1.5 LCM & HCF-1

1.5 LCM & HCF-2

Unit-2

2.1 Ratios & Proportions

2.2 Percentages-1

2.2 Percentages-2

2.3 Profit & Loss-1

2.3 Profit & Loss-2

2.4 Partnership-1

2.4 Partnership-2

2.5 Data Analysis-1

2.5 Data Analysis-2

2.5 Data Interpretation-1

2.5 Data Interpretation-2

Unit-3

3.1 Simple Interest-1

3.1 Simple Interest-2

Test-1

3.2 Compound Interest-1

3.2 Compound Interest-2

Unit-4

4.1 Averages

4.2 Problems on Ages-1

4.2 Problems on Ages-2

Unit-5

5.1 Time & Distance-1

5.1 Time & Distance-2

5.2 Time & work-1

5.2 Time & Work -2

5.3 Problems on Trains

Unit-6

6.1 Permutations and Combinations-1

6.1 Permutations and Combinations-2

6.1 Permutations and Combinations-3

Test-2

6.2 Probability-1

6.2 Probability -2

Unit-7

7.1 Areas

7.2 Volumes

Surface Areas

Section-2 Reasoning**i) Verbal Reasoning****Unit 8**

8.1 Number Series

Test-3

8.2 Number Analogy

8.3 Odd Man Out

Coding & Decoding-1

Coding & Decoding-2

Unit -9

9.1 Blood Relations-1

9.1 Blood Relations-2

9.1 Blood Relations-3

9.2 Direction Sense Test-1

9.2 Direction Sense Test-2

9.3 Seating Arrangement

9.3 Seating Arrangement

Unit 10

10.1 Problems solving Techniques and Logical Reasoning
10.2 Ranking and Time Sequence Test-1
Test-4
10.2 Ranking and Time Sequence Test-2
10.3 Mathematical Operations
10.3 Mathematical Operations
10.3 Mathematical Operations

Unit 11

11.1 Clocks
11.2 Calendars

ii) Non Verbal Reasoning**Unit 12**

12.1 Series-1
12.1 Series-2
12.2 Mirror Images and Water Images
12.3 Incomplete Figure Patterns
12.4 Figure matrix
12.5 Logical VennDiagrams-1
12.5 Logical VennDiagrams-2
Test-5

Additional Inputs**Unit 13**

13.1 Matrices & Surds
13.2 Quadratic Equations
13.3 Coordinate Geometry and Trigonometry
13.4 Differentiation
13.5 Decision Making