



SSC CGLE Tier 1 Detailed Syllabus

Subject : 1 - GENERAL INTELLIGENCE & REASONING

Chapter 1: Analogy

1.1 Types of Analogy

- 1.1.1 Semantic Analogy
- 1.1.2 Letter Analogy
- 1.1.3 Number Analogy
- 1.1.4 Mixed Analogy
- 1.1.5 Figure Analogy

Chapter 2 : Similarities and Differences

2.1 Types of Classification

- 2.1.1 Semantic Classification
- 2.1.2 Letters Classification
- 2.1.3 Numbers classification
- 2.1.4 Alpha numerical classification
- 2.1.5 Figural classification

Chapter 3: Space Visualization

- 3.1 Cube
- 3.2 Dice

Chapter 4: Spatial Orientation

- 4.1 Main Directions & Cardinal Directions
- 4.2 Angle of movement
- 4.3 Shortest Distance
- 4.4 To find the direction
- 4. 5 To find the distance
- 4. 6 To find Both distance and direction



Chapter 5: Problem Solving

5.1 Mathematical Reasoning

5.2 Sitting Arrangement

5.2.1 Circular

5.2.2 Linear /Square/ Rectangular

Chapter 6: Analysis

6.1 Critical thinking

6.1.1 Statement and Arguments

6.1.2 Statement and Assumptions

6.2 Drawing Interface

6.2 Syllogism

6.3 Statement and Conclusions

Chapter 7: Judgment

7.1 Address matching

7.2 Date & city matching

7.3 Classification of centre and roll numbers

Chapter 8: Decision making

8.1 Direct & Complex

Chapter 9 : Arithmetic Number Series

9.1 Number Series

9.1.1 Inserting the missing number

9.1.2 Finding the wrong number

9.2 Alphabet Series

9.2.1 Letter Series

9.2.2 Alpha Numeric Series



9.2.3. Continuous Pattern series

9.3 Semantic Series

9.4 Figural Series

Chapter 10 : Coding and Decoding

10.1 Letter coding

10.2 Number and Symbol Coding

10.3 Substitution coding

10.4 Message Coding

Chapter 11: Venn Diagram

11.1 Relation based Venn diagram

11.2 Analysis Based Venn diagram

Chapter 12: Arithmetical reasoning and figural classification

12.1 Embedded Figures

12.1.1 Question figure embedded in answer figure

12.1.2 Answer figure embedded in question figure

12.2 Mirror Images

12.2.1 Questions based on Vertical mirror

12.2.2 Questions based on Horizontal mirror

12.3 Water images

12.4 Counting figures

12.5 Formation of figures

12.6 Paper folding

12.7 Paper cutting

12.8 Figure completion



Chapter 13: Social Intelligence

13.1 Conversation based

13.2 Relation Puzzle based

13.3 Coded Relationship based

Chapter 14: Trends

Other Important Topic:

Visual Memory

Discrimination

Observation



SUBJECT:2 GENERAL AWARENESS

Chapter 1: Indian History

1.1 Sources of Indian History

- 1.1 Archeological Sources
- 1.2 Literary Sources

1.2 The Prehistoric period

- 1.2.1 Stone age
- 1.2.2 Paleolithic Age
- 1.2.3 Mesolithic Age
- 1.2.4 Neolithic Age
- 1.2.5 Chalcolithic Age

1.3 Indus Valley civilization

1.4 Vedic Period

- 1.4.1 Early vedic period
- 1.4.2 Later vedic period

1.5 Vedic Literature

1.6 Religious movements

1.7 Mahajanapadas

1.8 Magadha Empire

1.9 Mourya Empire

1.10 Native Scuccessors of mouryas

1.11 Foreign Rulers

1.12 Gupta Empire

1.13 Sangam period

1.14 Muslim invasion in India

1.15 Kingdoms of South India



1.16 Advent of Europeans in India

1.17 Revolt of 1857

1.18 Indian National Movement

1.19 Major Revolutionary Events

Chapter 2: Geography World and India

2.1 Universe and Solar System

2.1.1 Universe

2.1.2 Galaxy

2.1.3 Stars and Constellations

2.1.4 The solar System

2.1.5 Standard

2.2 Earth's Movement

2.3 Land forms

2.4 Winds and Ocean

2.5 India size and Location

2.5.1 Physical Feature of India

2.5.2 Drainage system of India

2.5.3 Climate Natural Vegetation and wildlife

2.6 Soils in India

2.7 Minerals and Energy Resources of India

2.8 Population

2.9 Environment and Ecology



Chapter 3: Indian Polity

- 3.1 Development of Indian Constitution
- 3.2 Making of the Indian Constitution
- 3.3 Preamble
- 3.4 Directive Principles of the state Policy
- 3.5 Fundamental Duties
- 3.6 Union Executive
- 3.7 Governor and state Executive
- 3.8 Parliamentary Committees
- 3.9 Judiciary
- 3.10 Constitutional Amendment Acts

Chapter 4: Indian Economy

- 4.1 Definition
- 4.2 Branches of Economics
- 4.3 Types of Economics
- 4.4 Sectors of Indian Economy
- 4.5 Demand and Elasticity
- 4.6 Supply
- 4.7 Cost function
- 4.8 Market and Its types
- 4.9 National Income
- 4.10 Planning in India
- 4.11 NITI
- 4.12 Poverty and Unemployment



4.13 Industries in Indian Economy

4.14 Money and banking

4.15 Tax Structure in India

Chapter 5: General Knowledge

5.1 National and International Awards

5.2 Sports

5.3 National Symbols

5.4 Science and Technology

5.5 United Nations and Other International Organizations

Chapter 6: Physics

6.1 Units and Measurements

6.2 Motion and Laws of motion

6.3 Work power energy

6.4 Properties of solids and Liquids

6.5 Gravitation

6.6 Waves

6.7 Heat

6.8 Electricity and Magnetism

6.9 Semiconductor Electronics and communication

Chapter 7: Chemistry

7.1 Matter Around us

7.2 Atomic structure and Chemical Bonding

7.3 Metals, Non Metals and their compounds

7.4 Biomolecules



7.5 Acids, Bases and Salts

7.6 Man Made Materials

7.7 Environmental Chemistry

Chapter 8: Biology

8.1 Cell Structure and function

8.2 Plants Structure and function

8.3 Animals Structure and Function

8.4 Health and Disease

8.5 Plants and Animals for Human welfare

Chapter 9: Computer Knowledge

9.1 Generations of computer

9.2 Components for Computer

9.3 Computer Hardware

9.4 Programming Language

9.5 Networking

9.6 Computer Security



SUBJECT :3 QUANTITATIVE ABILITY

Chapter 1: Numbers

- 1.1 Digits and Numbers
- 1.2 Face value and place value of a digit
- 1.3 Types of Numbers
- 1.4 Arithmetic Progression
- 1.5 Geometric Progression

Chapter 2: Percentage

- 2.1 Percentage

Chapter 3:Ratio and Proportion

- 3.1 Ratio
- 3.2 Types of ratio
- 3.3 Proportion
- 3.4 Basic Operations on Proportion

Chapter 4: Square root and Cube root

- 4.1 Square root
- 4.2 Cube root
- 4.3 Perfect Square
- 4.4 Square root of Decimal Numbers

Chapter 5:Average and Age

- 5.1 Average
- 5.2 Properties of Average



Chapter 6: Interest

6.1 Simple Interest

6.2 Compound Interest

Chapter 7: Profit and Loss & Discount

7.1 Cost Price

7.2 Selling Price

7.3 Marked Price

Chapter 8: Partnership

8.1 Simple Partnership

8.2 Compound Partnership

Chapter 9: Mixture and Alligation

9.1 Mixture

9.2 Mean Price

9.3 Rule of Alligation

Chapter 10: Time and Distance

10.1 Speed

10.2 Time

10.3 Distance

10.4 Boats and Streams

Chapter 11: Time and Work

11.1 Time

11.2 Work

11.3 Pipes and Cisterns



Chapter 12: Elementary Algebra

12.1 Algebraic Identities

Chapter 13: Graphs of Linear Equations

13.1 Rectangular

13.2 Co ordinates

13.3 Cartesian Co ordinates

13.4 Distance formulae

13.5 Section formulae

13.7 Equations of line

Chapter 14: Triangles

14.1 Area of triangle

14.2 Properties of Triangle

14.3 Various kinds of centres

14.4 Similarity of Triangles

Chapter 15: Geometry

15.1 Circles

15.2 Common Tangents

15.3 Quadrilateral

15.4 Polygons

Chapter 16: Volume and Surface Area

16.1 Cylinder

16.2 Cone

16.3 Sphere

16.4 Hemisphere



16.5 Frustum prism

16.6 Pyramid

16.7 Volume

16.8 Surface

16.9 Area

Chapter 17: Trigonometry

17.1 System of measurement of angles trigonometric ratios

17.2 Trigonometric identities

17.3 Sine and Cosine rule

17.4 Maximum and minimum values

Chapter 18: Height and Distance

18.1 Angles of elevation

18.2 Angle of Depression

Chapter 19: Data Interpretation

19.1 Table

19.2 Bar graph

19.3 Histogram

19.4 Pie chart

19.5 Frequency Polygon



SUBJECT :4 ENGLISH COMPREHENSIONS

Chapter 1: Spotting Error

- 1.1 Article
- 1.2 Noun
- 1.3 Adjectives
- 1.4 Verb
- 1.5 Adverb
- 1.6 Preposition
- 1.7 Conjunction
- 1.8 Tense

Chapter 2: Sentence Completion

Chapter 3: Sentence Improvement

Chapter 4: Sentence Completion

Chapter 5: Idioms and Phrases

Chapter 6: One word substitution

Chapter 7: Synonyms and Antonyms

Chapter 8: Spellings

Chapter 9: Direct Speech and Indirect Speech

Chapter 10: Active and Passive Voice

Chapter 11: Cloze Test

Chapter 12: Comprehension

.....All the best.....