

QUANTITATIVE APTITUDE

1. Simplifications

Squares

Square Roots

Cubes

Cube Roots

Multiplications

Additions

Subtractions

Approximate Values

Formulae Base – I

Formulae Base – II

2. Percentages

3. Averages

4. Calendars

5. Clocks

6. Number System

7. L.C.M & H.C.F

8. Profit & Loss

9. Ratio & Proportion

10. Problems on Ages

11. Partnership

12. Probability

13. Time & Work, Pipes & Cisterns & Chain Rule

14. Time & Distance , Trains & Boats & Streams

15. Simple Interest

16. Compound Interest

17. Mensuration - Areas

18. Mensuration - Volumes

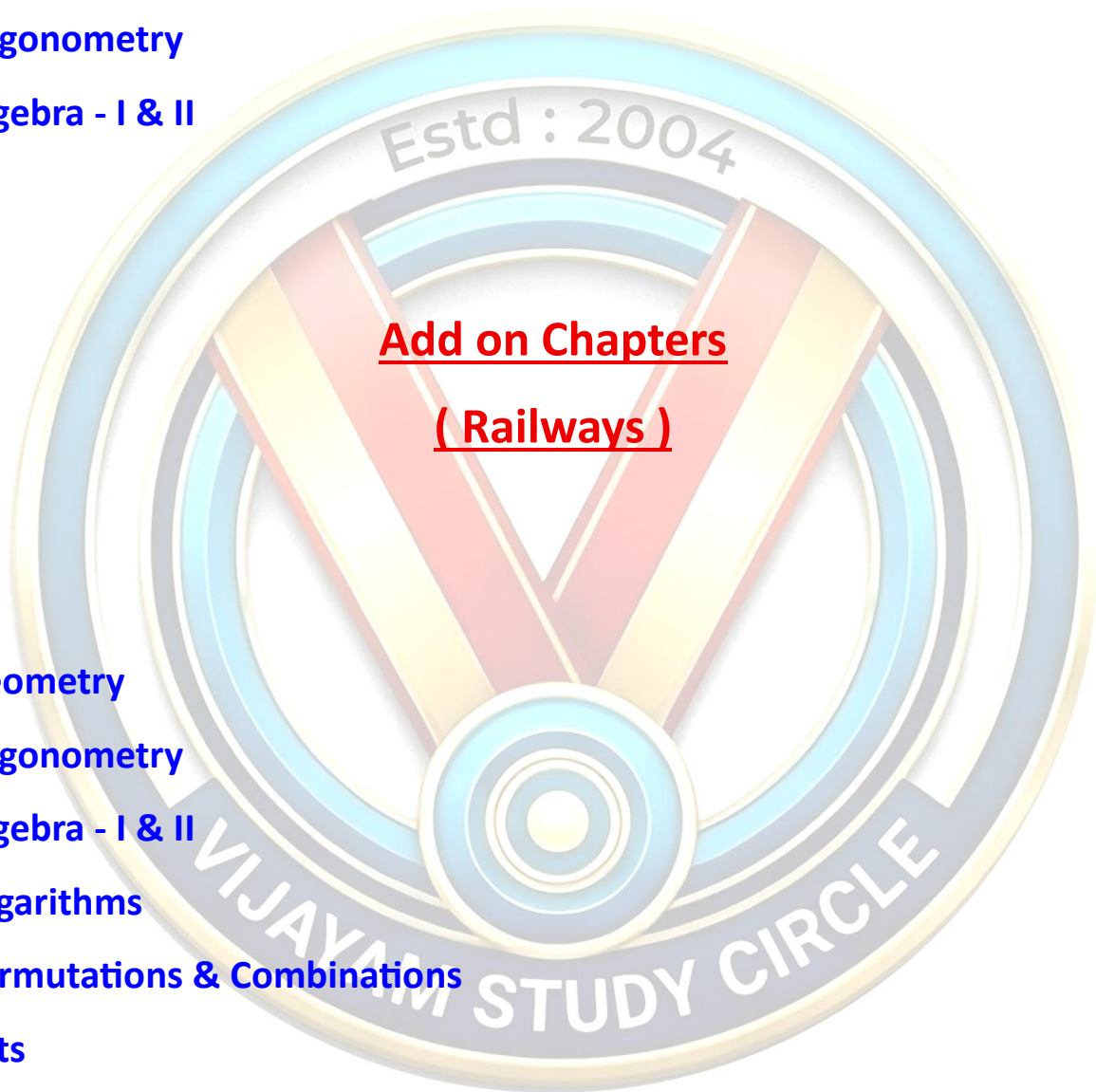
19. Data Analysis / Data Interpretation

20. Data Sufficiency



Add on Chapters
(Staff Selection Commission)

1. Geometry
2. Trigonometry
3. Algebra - I & II



Add on Chapters
(Railways)

1. Geometry
2. Trigonometry
3. Algebra - I & II
4. Logarithms
5. Permutations & Combinations
6. Sets
7. Functions

REASONING

1. Coding & Decoding

2. Alphabet Test

3. Directions

4. Mathematical Operations

5. Statements & Conclusions

6. Blood Relations

7. Puzzle Test

8. Number, Ranking & Time Sequence

9. Alpha Numeric Test

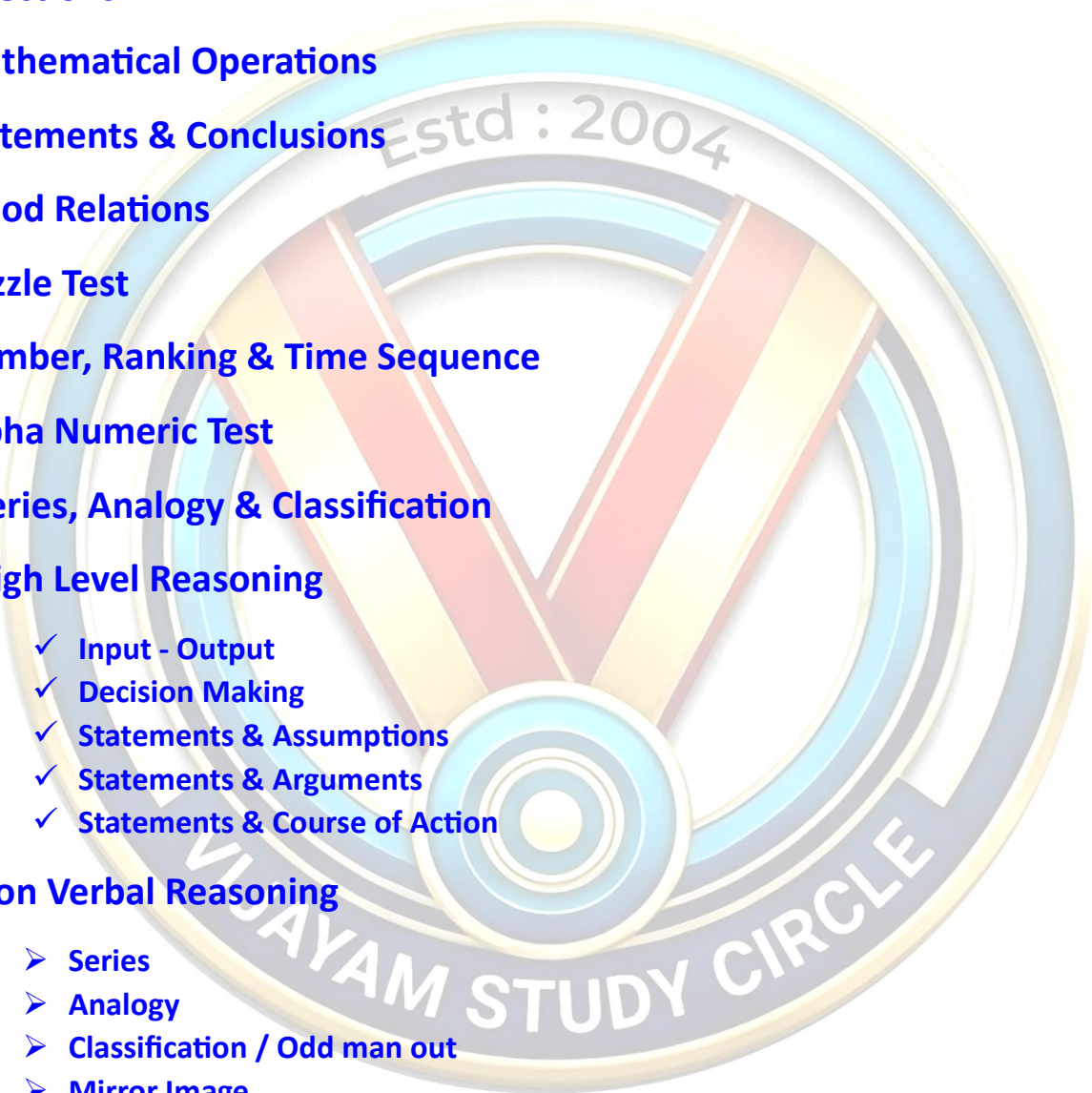
10. Series, Analogy & Classification

11. High Level Reasoning

- ✓ Input - Output
- ✓ Decision Making
- ✓ Statements & Assumptions
- ✓ Statements & Arguments
- ✓ Statements & Course of Action

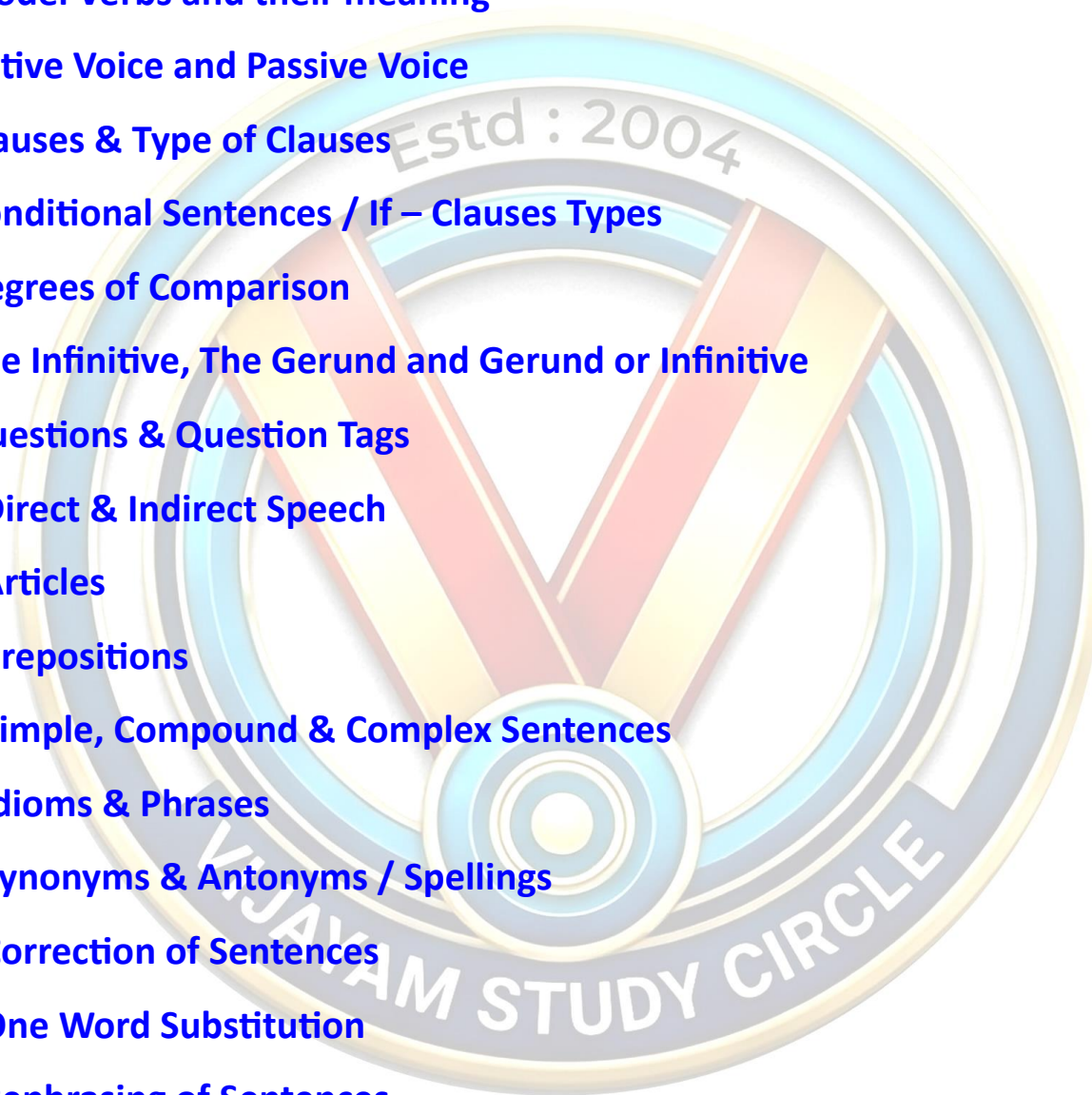
12. Non Verbal Reasoning

- Series
- Analogy
- Classification / Odd man out
- Mirror Image
- Water Image
- Dice
- Incomplete Pattern
- Embedded Figure / Hidden Figure
- Figure Matrix
- Paper Folding / Cutting



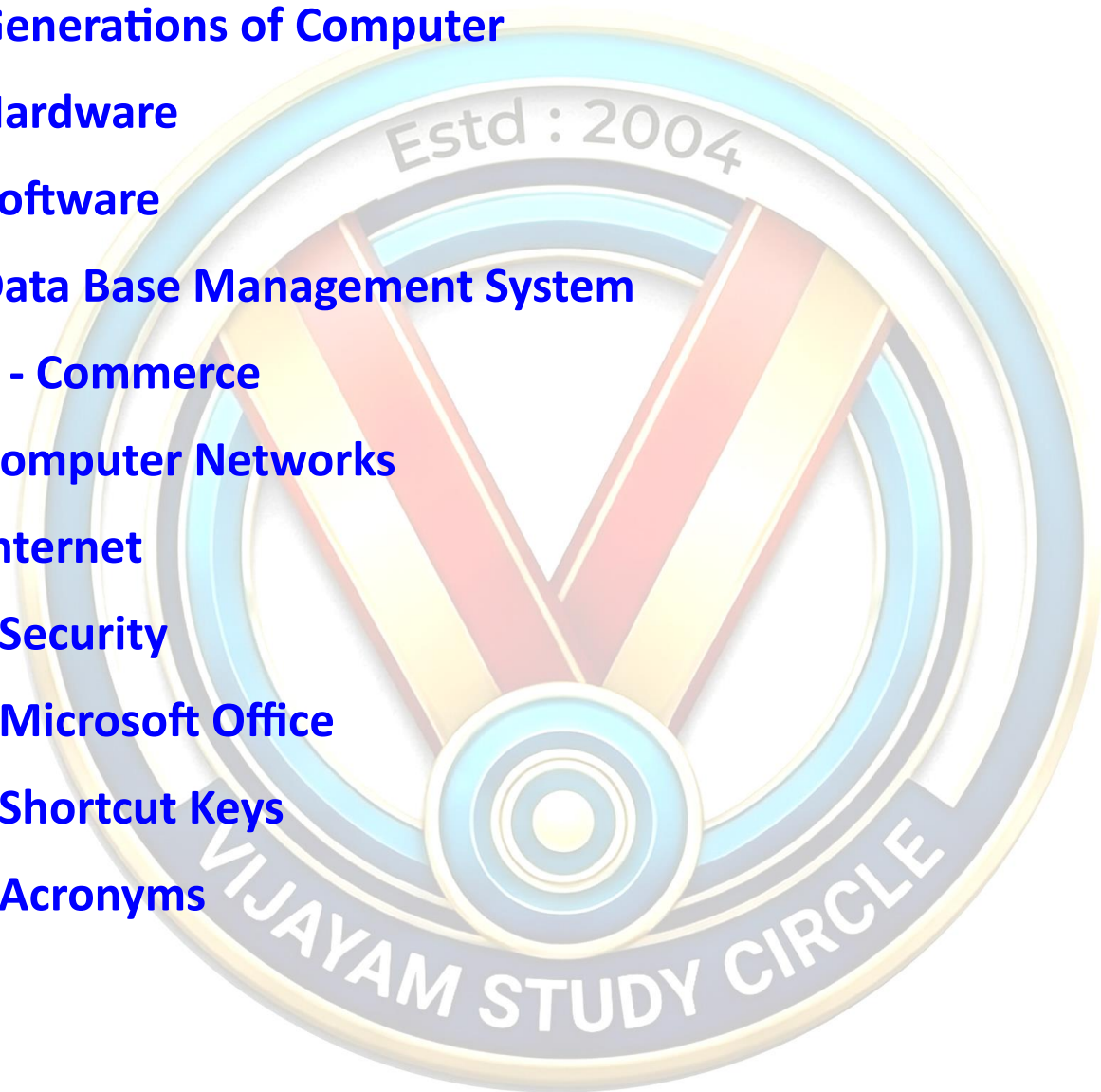
ENGLISH

1. Parts of Speech
2. Tenses
3. Model Verbs and their meaning
4. Active Voice and Passive Voice
5. Clauses & Type of Clauses
6. Conditional Sentences / If – Clauses Types
7. Degrees of Comparison
8. The Infinitive, The Gerund and Gerund or Infinitive
9. Questions & Question Tags
10. Direct & Indirect Speech
11. Articles
12. Prepositions
13. Simple, Compound & Complex Sentences
14. Idioms & Phrases
15. Synonyms & Antonyms / Spellings
16. Correction of Sentences
17. One Word Substitution
18. Rephrasing of Sentences
19. Comprehension Passages
20. Closet Test



COMPUTERS

- 1. Introduction**
- 2. History of Computers**
- 3. Generations of Computer**
- 4. Hardware**
- 5. Software**
- 6. Data Base Management System**
- 7. E - Commerce**
- 8. Computer Networks**
- 9. Internet**
- 10. Security**
- 11. Microsoft Office**
- 12. Shortcut Keys**
- 13. Acronyms**



BANKING

1. Banking In India
2. First in Banks in India
3. History of Indian Banking System
4. Structure of Indian Banking
5. Banking Industry in India
6. Types of Banks
7. Bank Nationalization
8. Financial Sector Regulators in India
9. Financial Infrastructure
10. Financial Market
11. Indian Currency
12. Balance Sheet
13. Know Your Customer (KYC) Guidelines
14. Types of Banking
15. Types of Bank Accounts
16. Types of Accounts, Deposits, Cheques, DDs
17. Types of Payments & Money Transfer
18. Financial Inclusion Schemes
19. Priority Sector Lending
20. Basel Accords
21. Inflation and its Types
22. NPA (Non – Performing Asset)
23. Types of ATMs
24. Types of Risks
25. Banking Ombudsman
26. Important Banking Terms
27. Banking Terms Abbreviations



HISTORY

1. Ancient Indian History - Culture
2. Civilization of Aryas
3. Buddha, Jain Religions (Buddhism & Jainism)
4. Jainism
5. Age of Moruyas
6. Age of Guptas
7. Invasion of Europeans to India
8. The British – Invasion in India
9. India – Under the Rule of the British
10. Riots Against the British
11. Social Reformation Movements
12. Indian National Movement
13. Division of the Country & Independence

POLITY

1. Indian Constitution
2. The Union Government
3. Indian Parliament & Technological Terms
4. Independent Judiciary System
5. Union Territories, Central, State IMP Officers
6. State Government
7. Centre & State Relations
8. Local Self Government
9. Party System in India
10. Foreign Policy of India
11. United Nations objectives and Roles
12. Governance
13. The Parliament of India



GEOGRAPHY

1. India – Physical Setting
2. Physical Features of India
3. Indian Rivers – Water Resources
4. Climate of India
5. Soils in India
6. Natural Vegetation (Forests)
7. The population
8. Agriculture
9. Minerals
10. Industries
11. Transport Facilities
12. Disaster Management
13. Earthquakes
14. Cyclones
15. Floods
16. Tsunami
17. Drought Disaster Management
18. Man – Made Disasters

ECONOMY

1. Pre & Post Independent Indian Economy
2. Indian – National Income - Concepts
3. India - Unemployment
4. India Inflation
5. Indian Planning

GENERAL SCIENCE

Physics

1. Our Universe
2. Importance of Measurements & Units in everyday life
3. Mechanics in everyday life and Concepts
4. Electromagnetism
5. Heat
6. Reflection of Light by Different Surfaces
7. Refraction of Light at Plane Surfaces
8. Refraction of Light at Curved Surfaces
9. Human Eye & Colourful World
10. Sound
11. Electric Current
12. Modern Physics & Electronics

Chemistry

1. Structure of Atom
2. Chemical Bonding
3. Classification of Elements the periodic table
4. Chemical Reactions & Equations
5. Acids, Bases & Salts
6. Carbon & its Compounds
7. Chemistry in everyday life & Industries

Biology

1. Introduction of Biology
 2. Branches of Biology
 3. Plant Kingdom
 4. Animal Kingdom
- Science & Technology

1. Indian Space Technology
2. Indian Defence
3. Communication
4. List of Scientific & Technological Developments

CURRENT AFFAIRS



<http://www.vijayamstudycircle.com>