

Syllabus and Pattern of the Entrance Examination of 2 Years Integrated B.Lib.I.Sc-M.lib.I.Sc of the University of Calcutta 2025

Total Components: Five

Marks allotted for every component: 20

| General Knowledge | Logical Reasoning | Quantitative Aptitude | English | Computer Fundamentals |
|-------------------|-------------------|-----------------------|--------------|-----------------------|
| 10 questions | 10 questions | 10 questions | 10 questions | 10 questions |
| 20 marks | 20 marks | 20 marks | 20 marks | 20 marks |
| Total: 100 | | | | |

An Example for the designing of MCQ

What is the title of the book about Waterloo written by “Simon the Troll”?

- A. Dreaming in Technicolor
- B. Water under the Bridge
- C. Of Mud and Dreams
- D. Images of Waterloo

Syllabus of the Entrance Test

General Knowledge (Tentative topics):

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|-----------------------------|---|
| 1. Heritage, | 13. Civics, |
| 2. Environmental Issues, | 14. Inventions and Discoveries, |
| 3. Literature, | 15. Indian Parliament, |
| 4. Famous Days & Dates, | 16. Current Affairs,/ (Chandrayan-3 related questions) |
| 5. Indian History, | 17. Sports, |
| 6. Geography, | 18. Rivers, |
| 7. Countries and Capitals, | 19. Lakes and Seas, |
| 8. Artists, | 20. Indian Economy, |
| 9. General Science, | 21. Famous Books & Authors, |
| 10. Indian Politics, | 22. Biology, etc |
| 11. Famous Places in India, | |
| 12. Tourism, | |

Logical Reasoning (Tentative topics):

Verbal Reasoning topics are Alphabet reasoning, Blood Relation, Direction & Distance, Data Sufficiency, Puzzle & Seating Arrangement, etc.

For Non-verbal Reasoning, topics like Analogy, Classification, Graphical series representations, etc.

Quantitative Aptitude (Tentative topics):

| | | |
|----------------------|--|---|
| Number system | Computation of Whole Number Decimals Fractions Division method Unit place concept Odd/ Even concept | LCM & HCF Simplification Law of indices Surds Average |
| Arithmetic | Percentage Ratio and Proportion Profit, Loss, and Discount | Simple interest Compound Interest Instalment |

| | | |
|----------------------------|---|---|
| | Time and Work Work and Wages Pipe and Cistern Speed and Distance Relative Speed Race | Boat and Stream Train Problems on Age Partnership Average |
| Data Interpretation | Data table Line Charts Bar Charts Pie Chart | Mix Chart Data Sufficiency |
| Mensuration | Line and angle Triangle | Perimeter and Area of 2D figures Area and Volume of 3D |

English (Tentative topics):

1. Idioms & Phrases
2. Synonyms & Antonyms & Homonyms
3. One-word Substitution
4. Sentence Correction
5. Reading Comprehension

Computer Fundamentals (Tentative topics):

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|----------------------------------|--|
| 1. Fundamentals of Computer | 12. Social Networking |
| 2. System Software | 13. Input and Output Devices |
| 3. Application Software | 14. Computer Virus |
| 4. Computer Abbreviations | 15. Websites |
| 5. High Level Computer Languages | 16. Web Browsers |
| 6. Basics of Cloud Computing | 17. Storage Devices |
| 7. Computer Networks | 18. Components of Computer |
| 8. Types of Computer | 19. Important Computer-related Terms |
| 9. Hardware and Software | 20. Database Management System (DBMS) |
| 10. Internet | 21. OSI Model – Open Systems Interconnection |
| 11. Internet security | |