

RGIPT Non Teaching Syllabus

Reasoning

- Statement conclusion
- Syllogistic reasoning
- Figure classification
- Relationships
- Clocks
- Problem Solving
- Visual memory
- Statements & Assumptions
- Decision making
- Odd man series
- Arithmetic reasoning
- Non- verbal series
- Number Series
- Calendars

Electrical Engineering

- AC Fundamentals.
- Utilization of Electrical Energy.
- Power Systems.
- Power Electronics & Drives.
- Network Theory.
- Electrical Machines.
- Basic Electrical Engineering Concepts.
- Analog and Digital Electronics.
- Magnetic Circuit.
- Estimation and costing.
- Measurement and measuring instruments.
- Basic Electronics etc.
- Electric heating.
- Resistance Heating.
- Induction heating.
- Dielectric heating.
- Electric traction.
- Lighting calculations

Civil Engineering

- Estimation, Costing, and Specifications
- Environmental Studies
- Construction and Project Management
- Reinforced Concrete Structures

- Steel Structures
- Transportation Engineering
- Civil Engineering Materials and Construction
- Fluid Mechanics
- Concrete Technology
- Soil Mechanics and Foundation Engineering
- Environmental Engineering
- PSC Structures
- Bridge Engineering
- Hydrology & Water Resources Engineering
- Surveying
- Solid Mechanics, Structural Analysis
- Hydraulic Structures

General Hindi

- Synonyms
- Fill in Blanks
- Spellings
- One word substitution
- Jumbled sentences
- Homonyms
- Error Finding
- Active/ passive voice
- Narration
- Detecting Misspelled words
- Idioms
- Comprehension passages

General Aptitude

- Decimals and Fractions.
- Computation of Whole Numbers.
- Relationships between numbers.
- Averages.
- Ration & Proportion.
- Percentages.
- Square Roots.
- Profit and Loss.
- Interest.
- Mixture and Alligation.
- Discount.
- Partnership Business.
- Time & Work.
- Time and distance

General Awareness

- Culture.
- Current Affairs – National & International.
- Important Financial & Economic News.
- Indian Constitution.
- Knowledge of Current Events.
- Sports.
- General Politics.
- History.
- Countries & Capitals.
- Science – Inventions & Discoveries.
- Budget and Five Year Plans.
- Scientific Research.
- Economy.
- Economy, Banking, and Finance

Computer

- MS Vision.
- Microsoft Access.
- Microsoft Outlook.
- MS Word.
- MS PowerPoint.
- MS Excel.
- Microsoft OneNote.

General English

- Usage of Articles
- Vocabulary
- Idioms & Phrases
- Error Detection
- Error Correction
- Antonyms
- Grammar
- One Word
- Passages
- Sentence Arrangement
- Fill in the blanks
- Direct & Indirect Speech
- Active voice & Passive voice
- Parts of Speech