# South East Central Railway Syllabus

### SECR General Knowledge Syllabus

- Inventions in the World
- Sports
- Basic Computer
- Indian History
- Indian Politics
- Famous Days & Dates
- Famous Books & Authors
- Botany
- Indian Economy
- Indian Parliament
- Chemistry
- Geography
- Physics
- Zoology
- Environment
- Indian Culture

### South East Central Railway English Language Syllabus

- General English
- Synonyms
- Antonyms
- Prepositions
- Sentence Completion
- Active and Passive Voice
- Spelling Test
- Sentence Arrangement
- Transformation
- Idioms and Phrases
- Sentence Improvement
- Spotting Errors
- Passage Completion
- Substitution
- Para Completion
- Joining Sentences
- Error Correction (Underlined Part)
- Error Correction (Phrase in Bold)

• Fill in the blanks

### secr.indianrailways.gov.in Nursing Syllabus

- Clinical Pathology
- Biochemistry
- Pharmacognosy
- Health Education & Community Pharmacy
- Hospital & Clinical Pharmacy
- Accountancy
- First Aid
- Anatomy & Physiology
- Paediatric Nursing
- Toxicology
- Psychiatric Nursing
- Mental Health
- English
- Nursing Management
- Community Health Nursing
- Fundamentals of Nursing
- Human Anatomy & Physiology
- Pharmaceutics
- Pharmaceutical Chemistry
- Drug Store Management
- Pharmacology
- Midwifery & Gynaecological Nursing
- Commerce
- Microbiology
- Sociology
- Psychology
- Pharmaceutical Jurisprudence
- Health Educational & Communication Skills
- Computers in Nursing
- Medical-Surgical Nursing
- Nutrition
- Personal Hygiene

## दक्षिण पूर्व मध्य रेलवे Computer Knowledge Syllabus

- MS Word, Microsoft OneNote
- Microsoft Access
- Introduction to Computer Science
- Boolean Algebra

- Computer Networks
- Emerging Technologies and Web Publishing
- PC Software and Office Automation
- Database Management System
- Data Structures
- MS PowerPoint
- MS Visio and MS Excel
- Microsoft Outlook
- The Internet
- Workplace Productivity Tools
- MS Project, Microsoft Publisher

### **SECR Reasoning Syllabus**

- Time and Work Partnership
- Ratio and Proportion
- Boats and Streams
- Simple Interest
- Time and Distance
- Problems on Trains
- Areas
- Races and Games
- Numbers and Ages
- Simple Equations
- Problems on Numbers
- Averages
- Indices and Surds
- Mensuration
- Mixtures and Allegations
- Percentages
- Permutations and Combinations
- Problems on L.C.M and H.C.F
- Pipes and Cisterns
- Compound Interest
- Volumes
- Odd Man Out
- Quadratic Equations
- Probability
- Profit and Loss
- Simplification and Approximation

### South East Central Railway General Awareness Syllabus

- Finance Commissions
- Taxes on Income and Expenditure
- Financial and Railway Budget
- Revenue of Central Government
- Economic Planning
- Inflation
- National Income
- Public Finance
- Bills
- Concept of Budget
- Schemes and Policies implemented by Government
- Indian Banking Industry History
- Functions of Banks
- Types of Banks
- RBI and its Monetary Policy
- Capital market in India
- Money Market in India
- Role of Banking

### secr.indianrailways.gov.in Pharmacist Syllabus

- Hospital & Clinical Pharmacy
- Microbiology
- Clinical Pathology
- Midwifery & Gynaecological Nursing
- Fundamentals of Nursing
- Toxicology
- Health Education & Community Pharmacy
- Commerce
- Accountancy
- Pharmaceutical Jurisprudence
- Human Anatomy & Physiology
- Community Health Nursing
- Sociology
- Drug Store Management
- Pharmacology
- Biochemistry
- First Aid
- Environmental Hygiene
- Pharmaceutical Chemistry
- Medical-Surgical Nursing

- Health Education & Communication Skills
- Paediatric Nursing
- Anatomy & Physiology
- Psychology
- Psychiatric Nursing

### दक्षिण पूर्व मध्य रेलवे Electrical Engineering Syllabus

- Switchgear & protection (MC/LV) & LT Switchgear design and testing etc
- Distribution HT/LT Line parameters
- Present Power Sector scenario in India and others Electrical Engineering topics etc
- Performance of line fault analysis
- Measurement of Electrical Power
- Functions of capacitors & reactors
- Low Voltage constraint & resolving thereof
- Non-conventional Energy sources like Wind, Solar, Biomass, etc
- Power Engineering
- Distribution Network Installation & load studies
- Analysis of Dist. Transformers, Meters & Testing