

TNFUSRC Forest Guard Syllabus 2020 | Check Exam Pattern

TNFUSRC Forest Guard Exam Pattern

Subject	Duration	Maximum Marks	Minimum Qualifying Marks for selection	
			BCs,BCMs, MBCs/DTs, SCs,SC(A)s and STs	Others
General Knowledge	2 Hours	150	30%	40%

TNFUSRC Forester Guard Exam Pattern

General Science

- Biology
- Zoology
- Virology
- Chemistry in Biology
- Immunology
- Diffusion and Osmosis
- Cell Biology
- Evolution
- Taxonomy
- Macromolecules
- Botany
- Ecology

- Homeostasis
- Paleontology

Chemistry

- Gas-Phase Reactions
- Measurement
- Oxidation-Reduction Reactions
- Introduction to Materials Science
- Elements, Compounds, and Mixtures
- Thermochemistry
- Chemical Kinetics
- Reaction Mechanisms
- Structure of the Atom
- Main-Group Metals Redox Reactions
- Acids and Bases Transition – Metal Chemistry
- Introduction to Biochemistry
- The Structure of Solids Liquids
- Solutions
- Acid-Base Equilibria
- Solubility and Complex – Ion Equilibria
- Electrochemistry
- Gases
- Chemical Thermodynamics
- Nuclear Chemistry
- Intermolecular Forces
- The Covalent Bond
- Introduction to Organic Chemistry
- The Chemistry of Nonmetals
- Stoichiometry
- An Introduction to Ionic Compounds
- Introduction to Polymers

Physics

- **Oscillations and Waves**
- **Fundamental Concepts**
- **Kinematics**
- **Thermodynamics**
- **Mechanics**
- **Electricity and Magnetism**
- **Atomic, Nuclear, and Particle Physics**
- **Fluid Mechanics**

Eco-tourism

- **Energy**
- **Environmental impact assessment**
- **Deforestation**
- **Invasive species**
- **Air quality**
- **Over-exploitation of natural resources**
- **Biodiversity**
- **Consumerism**
- **Desertification**
- **Sustainability**
- **Environmental health**
- **Genetic engineering or modification**
- **Food safety**
- **Global environmental issues**
- **Conservation**
- **Acidification**
- **Grassroots solutions**
- **Water pollution**
- **Habitat loss**
- **Intergenerational equity**
- **Intensive farming**

- Land degradation
- Water scarcity
- Endangered species / threatened species
- Land use planning / Land Use
- Environmental degradation
- Nuclear power, waste, and pollution
- Ozone depletion
- Climate change
- Pollution
- Population issues
- Natural catastrophes
- Soil conservation
- Toxic chemicals
- Waste
- Whaling

Hindi

- Active & Passive Voice
- Vocabulary
- Direct & Indirect Speech
- Antonyms
- One Word Substitution
- Fill in the Blanks
- Synonyms
- Transformation of Sentences
- Tenses
- Comprehension
- Idioms & Phrases etc

English

- Fill in the Blanks
- Vocabulary

- Transformation of Sentences
- Synonyms
- Idioms & Phrases
- One Word Substitution
- Vocabulary
- Direct & Indirect Speech
- Comprehension
- Active & Passive Voice
- Antonyms
- Tenses etc

General Knowledge

- Books And Author
- History of India
- Political Science
- Geography of India
- National Dance <https://sarkarrecruitment.com/syllabus-government-private-job/>
- Economic issues in India
- International issues
- Important Dates
- Scientific observations
- New inventions
- Famous Places
- About India and its neighboring countries
- Countries and capitals
- Science and innovations
- National News (current)
- Famous Places in India
- Musical Instruments etc
- National and International current affairs
- Music & Literature
- Tribes
- Artists

- **Tourism spots of Historical Importance**
- **Indian Culture**
- **World organizations**
- **Sculptures**
- **Handicrafts**

Mathematics

- **Indices**
- **Evaluation**
- **Algebraic expressions**
- **Surface Area and Volume**
- **Cube & Cube Root**
- **Factors**
- **Lines and Angles**
- **Remedial Teaching**
- **Interest**
- **Ratio and Proportion** <https://sarkarrecruitment.com/syllabus-government-private-job/>
- **Area of Plane Figures**
- **Problems of Teaching**
- **Community Mathematics**
- **Statistics**
- **Place of Mathematics in Curriculum**
- **Equations**
- **The language of Mathematics**
- **Graph**
- **Square & Square Root**
- **Plane figures**
- **Nature of Mathematics/ Logical thinking.**
- **Percentage**

General Awareness

- **Current Affairs (National and International)**

- **Abbreviations**
- **Major Financial / Economic News**
- **Books and Authors**
- **Budget and Five Year Plans**
- **Sports**
- **Science – Inventions and Discoveries**
- **Important Days etc.**
- **Awards and Honours**