

Delhi Forest Ranger Exam Pattern

Subject Name	No.of Marks	No.of Questions
General Intelligence + Reasoning	25	25
General Awareness	25	25
Quantitative Aptitude	25	25
English Comprehension	25	25
Physics, Chemistry, Maths/Biology, Technology & Environment	100	100
Total	200	200

Delhi Forest Guard Exam Pattern

Subject Name	No.of Marks	No.of Questions
General Intelligence + Reasoning	40	40
General Awareness	40	40
Quantitative Aptitude	40	40
English Language & Comprehension	40	40
Hindi Language & Comprehension	40	40
Total	200	200

Delhi Wildlife Guard Exam Pattern

Subject Name	No.of Marks	No.of Questions
General Intelligence + Reasoning	40	40
General Awareness	40	40
Quantitative Aptitude	40	40
English Language & Comprehension	40	40
Hindi Language & Comprehension	40	40
Total	200	200

Delhi Forest Guard Syllabus 2020-Topic Wise

General Intelligence & Reasoning

1. Coding and decoding
2. Social Intelligence
3. Symbolic Operations
4. Problem-solving
5. Figural Pattern– folding and completion
6. Date & city matching
7. Indexing, Address matching
8. Space Orientation
9. Trends
10. Spatial orientation
11. Analogies
12. Statement conclusion
13. Similarities and differences
14. Judgment
15. Decision making
16. Visual memory
17. Relationship concepts
18. Analysis
19. Observation
20. Space visualization

21. Syllogistic reasoning
22. Discrimination
23. Symbolic/Number Classification
24. Figural Classification
25. Semantic Series
26. Number Series
27. Semantic Analogy
28. Symbolic/Number Analogy
29. Non- verbal series
30. Numerical Operations
31. Arithmetical reasoning and figural classification
32. Arithmetic number series
33. Word Building

English Language & Comprehension

1. Fill in the blanks
2. Shuffling of sentences in a passage
3. Spot the error
4. Antonyms
5. Conversion into Direct/indirect narration
6. Shuffling of sentence parts
7. Spelling/detecting Mis-spelt words
8. Active/passive voice of verbs cloze passage & comprehension passage

General Awareness

1. About India
2. Polity & Indian Constitution
3. Indian Geography
4. Science & Technological developments in India
5. Economic scene
6. History of India & Indian National Movement
7. Indian National Movement
8. History
9. Political Science
10. Indian Culture & Heritage
11. Current Issues
12. Indian Economics
13. Current Affairs – National & International

14. Geography – India & World
15. Cultural Heritage
16. Indian Constitution Economy
17. Indian Polity & Governance
18. History – India & World
19. Science & Technology
20. General Science
21. Space & IT
22. Cultural Heritage
23. Sculptures
24. Geography

Quantitative Aptitude

1. Averages
2. Partnership Business
3. angles subtended by chords of a circle
4. Interest
5. Profit and Loss
6. Tangents
7. Discount
8. Basic algebraic identities of School Algebra
9. Bar diagram
10. common tangents to two or more circles
11. Pie chart
12. Square roots
13. whole numbers
14. Mixture and Allegation
15. Percentage
16. Time and distance
17. Ratio & Proportion
18. decimals
19. Time & Work
20. fractions and relationships between numbers

Physics

1. Floatation
2. Scientific Instruments
3. Pressure
4. Viscosity
5. Units & Dimension
6. Elasticity
7. Sound Wave
8. Heat & Thermodynamics
9. Magnetism
10. Atomic and Nuclear Physics
11. The four fundamental forces
12. The kinetic theory of matter
13. Work
14. Gravitation
15. Simple Harmonic Motion
16. Energy and Power
17. Motion
18. Surface Tension
19. Inventions
20. Radioactivity
21. Wave

Biology

1. Asexual Reproduction in Plant
2. Sexual Reproduction in Animal
3. Cell Division
4. Food and Nutrition
5. Respiration in Animals
6. Human Diseases
7. Plant Hormones
8. Plant Diseases
9. Genetic
10. Classification of Plant Kingdom
11. Plant Morphology
12. Cell: Structure and Functions
13. Introduction
14. Respiration and Excretion in plants

15. Structure of Plant and Animal Cell
16. Human Reproductive system
17. The Cell: The foundation of all living things
18. Human Circulatory system
19. The Heart
20. Functions of Blood
21. Excretory system in Humans
22. Photosynthesis
23. The five kingdoms of life
24. Nutrition in Animal
25. Composition of Blood
26. Mode of Nutrition in Animal
27. Respiratory system in Humans

Delhi Forest Guard Syllabus – Chemistry

1. Hydrocarbons
2. Matter and its state
3. Metallurgy
4. Chemical Reactions
5. Atomic Structure
6. Carbon and its Compound
7. Base and Salts
8. Electrolysis
9. Chemical Bonding
10. Fuels
11. Behavior of Gases

Hindi and English – Language & Comprehension

1. Grammar
2. Vocabulary
3. Antonyms and its correct usage
4. Synonyms
5. Sentence Structure

Delhi Forest Guard Syllabus – Mathematics(Optional)

1. Coordinate Geometry
2. Real Numbers

3. Progressions, Triangles
4. Polynomials
5. Volumes
6. Probability
7. Graphs
8. Pair of Linear Equations in Two Variables
9. Circles
10. Constructions
11. Trigonometry

Environment

1. Biodiversity – importance for human survival, International Union for Conservation of Nature and Natural Resources, biodiversity hot spots, Red Data Book.
2. Food Chain – Types of the food chain with examples, Food
3. Pollution – types, impacts, solutions, acid rain, smog, greenhouse gases, algal bloom, the ozone layer.
4. Environmental ecology – terms, effects of environmental degradation
5. Food web, Ecological pyramid of biomes.

Technology

1. Role/impact of Science & Technology in Indian Development
2. Electromagnetic Spectrum: Important Terms, Types of EM Spectrum, Different generations in Wireless Telephony, 3G v/s 4G
3. Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources.
4. Nanotechnology: Definition and basic information