

GOVERNMENT OF JAMMU AND KASHMIR
JAMMU & KASHMIR SERVICES SELECTION BOARD
CPO Chowk Panjtirthi, Jammu / Zamzam Complex Rambagh Srinagar
www.jkssb.nic.in

NOTICE

Subject: Syllabus for the post of Inspector, Forest Protection Force

Syllabus for Written test (Objective Type)

Marks: 120 Time: 02 Hours

S.No.	Topics	Marks
I	General Issues on Environment, Ecology, Biodiversity and Climate Change	10
II	General English	10
III	Mathematics	20
IV	General Science	20
V	General Knowledge with Special Reference to J&K and Current Affairs	10
VI	Mental Ability Test	10
VII	History	10
VIII	Civics	10
IX	Geography	10
X	Computer	10
	Total	120 Marks

UNIT-I GENERAL ISSUES ON ENVIRONMENT, ECOLOGY, BIODIVERSITY AND CLIMATE CHANGE

10 Marks

1. General issues on Environment.
2. Climate Change and its impact on Ecology.
3. Mining and its effects, Renewable Energy.
4. Concept of Sustainable Development.
5. Environmental Impact Assessment.
6. Animal and Bird Diversity.
7. Wildlife Poaching and Control Measures.
8. Land use Classification in J&K.;
9. Forest Cover in J&K; Based on FSI Assessment and etc.
10. Air, Water and Noise Pollution.

UNIT-II GENERAL ENGLISH 10 Marks

1. Paragraph Writing / Comprehension.
2. Editing / Proof Reading.
3. Rearranging of Jumbled Sentences.

4. Dialogue.
5. Narration.
6. Models.
7. Articles.
8. Paragraph writing with blanks – Phrases, Pronouns, Homonyms/Homophones, Tenses.
9. Clauses.
10. Punctuation.
11. Synonyms and Antonyms.
12. Pairs of words and their use in meaningful sentences.
13. Idioms and Phrases.
14. Uses of Prepositions.

UNIT-III MATHEMATICS 20 Marks

1. Quadratic Equations.
2. Sequences and Series, Straight Lines.
3. Triangles, Circles and Coordinate Geometry.
4. Mensuration – Surface areas and Volumes of cubes, cuboids, spheres, hemispheres, cylinders/cones.
5. Profit and Loss.
6. Simple / Compound Interest.
7. Linear Equations with Two Variables.
8. Progression / BODMAS.
9. Probability: Simple problems on Single event.
10. Data Handling.

UNIT-IV GENERAL SCIENCE 20 Marks

1. Gravitation / Heat / Light / Matter / Acids / Salts / Elements / Cells.
2. Conventional sources of energy: improvement in technology (Biomass and Wind Energy).
3. Non-conventional sources of energy (Solar Energy, Energy from Sea).
4. Physical properties of Metals and Non-Metals.
5. Chemical properties of metals – action of Water, Air, Acids, Salts; Reactivity series.
6. Occurrence of Metals; extraction, enrichment of ores; refining of metals.
7. Life processes: Nutrition, Respiration, Transportation in plants, Excretion.
8. Environmental Pollution.
9. Ecosystem – its components, Food chains and Food webs.
10. Ozone layer, its depletion, Green House Effect.
11. Mendel's contribution and experiments on pea plant.
12. Types of reproduction in Plants and Animals.
13. Classification of Plants and Animals.

UNIT-V GENERAL KNOWLEDGE WITH SPECIAL REFERENCE TO J&K; AND CURRENT AFFAIRS 10 Marks

1. Abbreviations, Important Dates.
2. Popular Personalities, Geographical Discoveries, Books and Authors.
3. Principal Languages of India.
4. Capitals and Currencies of Countries.
5. United Nations Organization, Members of UNO.
6. Organizations and Groups – SAARC, ASEAN, BRICS and G-7.

7. Space Programme of India, India's Atomic Research Programme.
8. Awards, Honors and Prizes, Seven Wonders, World of Sports.
9. India GDP, Per Capita Income, Thermal/Nuclear/Hydro Power Plants in India.
10. Constitution of J&K; with reference to Constituent Assembly; Centre-State relationship.
11. Weather, Climate, Crops, Means of Transport.
12. Important Projects and their impact on State Economy.
13. Rivers and Lakes; Important Tourist Destinations.
14. History of J&K; State; Historical Places and their importance.
15. Flora and Fauna of J&K; State.
16. J&K; Reorganisation Act 2019, and Removal of Difficulties / Adaptation Orders issued thereafter.

UNIT-VI MENTAL ABILITY TEST 10 Marks

1. Number Series.
2. Letter Series.
3. Coding / Decoding.
4. Direction Sense.
5. Blood Relations.
6. Mathematical Reasoning.
7. Speed, Distance and Time.
8. Statements and Conclusions.
9. Logical Reasoning.
10. Mental Reasoning.

UNIT-VII HISTORY 10 Marks

1. Revolt of 1857 – Causes and Effects.
2. Rise of National Movement – Factors.
3. Formation of the Indian National Congress in 1885 and Role of Moderates.
4. Factors leading to the rise of Extremism in the Congress with special reference to Partition of Bengal.
5. Important dates and historical events with reference to India.
6. Boycott and Swadeshi Movement.
7. Rise of Muslim League in 1906 – Cause.
8. Khilafat Movement and the Non-Cooperation Movement.
9. Quit India Movement.
10. Independence and Partition of India.

UNIT-VIII CIVICS 10 Marks

1. Fundamental Rights.
2. Fundamental Duties.
3. Directive Principles.
4. Origin of Democracy and its types – Direct and Indirect Democracy, Hindrance to Democracy.
5. Public Opinion.
6. Representation.
7. Franchise.
8. Secret Ballot.
9. Nomination and Symbol.
10. The Campaign.
11. Presidential Elections.

12. Languages, Cities and Villages.
13. The United Nations.

UNIT-IX GEOGRAPHY 10 Marks

1. Change of Seasons / Planets / Solar System / Longitude – Latitude.
2. Types of Forests (with special reference to J&K; State).
3. Conservation and Protection of Forests.
4. National / Zoological Parks and Wildlife Sanctuaries (Reference of J&K; Sanctuaries and National Parks).
5. Water Resources, Sources of Water (with special reference to J&K;), Uses and Conservation of Water Resources.
6. Rainwater Harvesting.
7. Transport.
8. Roads (Different routes of J&K; State).

UNIT-X COMPUTER 10 Marks

1. Fundamentals of Computer Science.
2. Basic Applications of Computer and its accessories.
3. Hardware and Software concept of Computer.
4. Knowledge of Operating System, MS Office complete, Email & Internet.
5. Role of Computer in IT Field and contribution of Information Technology in our daily life.
6. Knowledge of surfing websites, downloading/uploading files, online conversion of files (PDF to JPG and vice versa).
7. Knowledge of KMZ files, capturing Geo-tagging photos and their uploading.
8. Concept of Computer Viruses and latest Anti-Virus, their installation and online registration.
9. Concept of latest Computer Applications (Apps) utilized in Field working in Forest Department.
10. Knowledge of e-Office.

**Controller of Examination,
J&K Services Selection Board, Jammu**

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