

Maharashtra Forest Services Examination

Syllabus and pattern of Examination.

A.	Preliminary Examination	Objective type	100 Marks
B.	Main Examination	Objective type	Paper I – 200 Marks Paper II- 200 Marks
C.	Interview		50 Marks.

Preliminary Examination Syllabus

1	Marathi Language
2	English Language
3	Current Affairs of National and International importance.
4	General Mental Ability : {Logical reasoning, analytical ability, problem solving, basic numeracy}
5	General Science :

Main Examination : Paper I -Syllabus

Subject	Marks Number of Questions Duration	Standard	Medium	Question Paper Type
General Studies	200 Marks 100 Questions One hour	Degree	Marathi-English	Objective type

1	History of India with emphasis on that of Maharashtra
2	Physical, social and economic geography of India and the world. Emphasis on that of Maharashtra.
3	Indian polity and Governance. Constitution and Political System, Rural and Urban local self government.
4	Economic and Social Development.

[Main Examination : Paper II].....

Main Examination : Paper II - Syllabus

Subject	Marks Number of Questions Duration	Standard	Medium	Question Paper Type
Nature Conservation	200 Marks 100 Questions One hour	Degree	English	Objective type

- ❖ Soils: Physical, chemical and biological properties. Processes and factors of soil formation. Mineral and organic constituents of soil and their role in maintaining soil productivity. Soil profile. Problem soils and their reclamation.
- ❖ Soil and moisture conservation: Causes of soil erosion, methods of control, role of forests, characteristics of and steps in Watershed Management.
- ❖ Ecosystems: Types, food chain, food web, ecological pyramids, energy flow, biogeochemical cycles of carbon and Nitrogen.
- ❖ Manures and fertilizers: types, organic-inorganic.
- ❖ Diseases and pests of plants and animals.
- ❖ Pesticides and insecticides.
- ❖ Environmental pollution: types, control, bio-indicators, endangered species, endemism.
- ❖ Environmental problems related to quarrying and mining.
- ❖ Important wild animals of India.
- ❖ Important indigenous tree species of India, exotic plants, plants as a source of forest products such as food, fiber, fuel wood, timber, non-timber forest produce / minor forest produce. Medicinal plants, Energy plantations, Mangroves. Forest Based Industries.
- ❖ Factors affecting growth and distribution of plants.
- ❖ Forest types of India. National Parks and Sanctuaries. World Heritage Sites.
- ❖ Breeds of cattle, economics of livestock, fodder, pasture and grassland management.
- ❖ Injurious plants and weeds.
- ❖ Plant breeding, tissue culture.
- ❖ Greenhouse effect, Carbon trading. Climate change.
- ❖ Use of aerial photographs, Thematic maps, Satellite imageries, Principles and application of GIS.
- ❖ Biodiversity, causes of loss of biodiversity, importance of biodiversity conservation.
- ❖ Social forestry. Joint forest Management. Agro forestry.
- ❖ Tribal's and forests. Important Tribes of India.
- ❖ Important provisions of Indian forest policy, Indian forest Act, Wildlife Protection Act. Forest Conservation Act, 1980.
- ❖ National and International organizations working for nature conservation.

Interview: 50 Marks.