

महाराष्ट्र राजपत्रित तांत्रिक सेवा (मुख्य) स्पर्धा परीक्षा
वन सेवा (मुख्य) परीक्षा

Maharashtra Gazetted Technical Services (Main) Competitive Examination
Forest Services (Main) Examination

परीक्षेचे टप्पे :- लेखी परीक्षा - ४०० गुण

मुलाखत - ५० गुण

प्रश्नपत्रिकांची संख्या :- दोन

-: परीक्षा योजना :-

पेपर क्रमांक व संकेतांक	प्रश्नसंख्या	गुण	माध्यम	दर्जा	कालावधी	प्रश्नपत्रिकेचे स्वरूप
१ General Studies (037)	१००	२००	मराठी व इंग्रजी	पदवी	एक तास	वस्तुनिष्ठ बहुपर्यायी
२ General Science & Nature Conservation (038)	१००	२००	इंग्रजी	पदवी	एक तास	वस्तुनिष्ठ बहुपर्यायी

-: अभ्यासक्रम :-

Paper I- पेपर क्रमांक १-

Sr. No.	General Studies
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

पेपर क्रमांक-२

पेपर क्रमांक-२ Paper – II

General Science & Nature Conservation

Sr. No	Topics	
1)	General Science (Physics, Chemistry, Botany, Zoology)	
2)	Nature Conservation	
2.1	1	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.
	2	Soil and moisture conservation:- Causes of soil erosion, method of control, role of forest, characteristics of and steps in Watershed Management.
2.2	1	Eco Systems: - Types, food chain, food web, ecological pyramids, energy flow, biogeochemical cycle of carbon and nitrogen.
	2	Manures and Fertilizers:- Types, organic – inorganic.
	3	Diseases and pests of plants and animals.
	4	Pesticides and insecticides.
	5	Injurious plants and weeds.
2.3	1	Environmental Pollution:- Types, control, bio-indicators, endangered species, endemism.
	2	Environmental problems related to quarrying and mining.
	3	Greenhouse effect, Carbon trading, Climate Change.
2.4	1	Important wild animals of India.
	2	Breeds of cattle, Economics of fodder and pasture of grassland management.
2.5	1	Important indigenous trees species of India, exotic plants, plants as a source of forest products such as food, fibre, fuel wood, timber, non-timber, forest produce/minor forest produce. Medicinal plants, Energy plantations, Mangroves, Forest based industries.
	2	Factors effecting growth and distribution of plants. Forest types of India.
2.6	1	National parks and Sanctuaries, World heritage sites.
	2	Social forestry, Joint Forest Management, Agro forestry.
	3	Indian forest policy, Indian Forest Act, Wild Life Protection Act, Forest Conservation Act, 1980.
	4	National and International Organization working for nature conservation.
2.7	1	Use of aerial photographs, thematic maps. Satellite imageries, Principle and application of GIS.
	2	Biodiversity, causes of loss of biodiversity, importance of biodiversity conservation.
	3	Plants breeding, tissue culture. Tribal's and forests. Important tribes of India.