

KERALA PUBLIC SERVICE COMMISSION

SYLLABUS FOR THE POST OF RANGE FOREST OFFICER IN KERALA FOREST & WILDLIFE DEPARTMENT

PAPER I

(100 MARKS - 120 MIN)

	Marks
i. History	16
ii. Geography	16
iii. Economics	16
iv. Indian Constitution	16
v. Arts, Sports, Literature and Culture	16
vi. Science and Technology, Current affairs	20

(i) HISTORY

- **KERALA** - Arrival of Europeans-Contributions of Europeans- History of Travancore from Marthanda Varma to Sree Chithirathirunnal- Social and Religious Reform movement- National movement in Kerala- Literary Sources of Kerala History- United Kerala Movement- Political and Social History of Kerala after 1956.

- **INDIA** – Political History- Establishment of the British- First War of Independence – Formation of INC- Swadeshi Movement- Social Reform movement- Newspapers - Literature and Arts during the freedom struggle – Independence Movement & Mahathma Gandhi - India’s independent – Post independent period - State reorganization – Development in Science, Education, and Technology – Foreign policy.
- **WORLD** – Great Revolution in England- American War of Independence – French Revolution- Russian Revolution – Chinese Revolution- Political History after Second World War- UNO and other International Organizations

ii) GEOGRAPHY

Basics of Geography – Earth Structure – Atmosphere, Rocks, Landforms, Pressure Belt and Winds, Temperature and Seasons, Global Issues- Global Warming- Various forms of Pollution, Maps- Topographic Maps and Signs, Remote Sensing – Geographic Information System, Oceans and its various movements – Continents, – Nations and their specific features.

INDIA – Physiography- States and its features, Northern Mountain Region, Rivers, Northern Great Plain, Peninsular Plateau, Coastal Plain, Climate – Natural Vegetation - Agriculture – Minerals and Industries- Energy Sources, Transport system – Road- Water- Railways- Air.

Kerala – Physiography- Districts and its features - Rivers- Climate – Natural Vegetation - Wild life - Agriculture and research centers – Minerals and Industries
- Energy Sources - Transport system – Road - Water- Railway- Air

(iii) ECONOMICS India : Economy, Five Year Plans, New Economic Reforms, Planning Commission and Niti Aayog, Financial Institutions, Agriculture – Major Crops, Green Revolution, Minerals. Direct and indirect taxes in India, GST in India-rationale and structure of GST, benefits of GST.

(iv) INDIAN CONSTITUTION

Constituent Assembly-Preamble-Citizenship- Fundamental Rights, Writs -Habeas Corpus, Mandamus, Prohibition, Certiorari and Quo warranto. Directive Principles of State Policy- Fundamental Duties- Structure of Governments- Union Executive, Parliament and Judiciary- State Executive, Legislature and Judiciary- Local Self Government Institutions (LSGIs)- Important Constitutional Amendments (42, 44, 52, 73, 74, 86, 91, 97, 101, 102, 103, 104)- Constitutional Authorities and their functions - Comptroller and Auditor General, Attorney General, Advocate General, Election Commission of India, State Election Commission, Union Public Service Commission, State Public Service Commission- Finance Commission- State Finance Commission- GST Council- Distribution of legislative powers- Union List- State List- Concurrent List- Services under the Union and the States- Tribunals-National Commission for Scheduled Castes- National Commission for Scheduled Tribes- National Commission for Backward Classes- Official Language-Regional Languages-Language of the Supreme Court, High Courts, etc-Special directives relating to languages

(v) Arts, Sports, Literature and Culture

Arts

1. Important Audio Visual Art Forms of Kerala- Famous Places, Institutions, Personalities, Artistes and Writers related to origin, development, extension, and practice of these Art Forms.

Sports

1. Famous Sports personalities of Kerala, India and World – their Sports Events, achievements and awards.

2. Important Awards – Corresponding Fields , Winners
3. Famous Trophies – Related Events and Sports Items.
4. Number of Players in Important Sports Items.
5. Important Terms associated with various Sports and Games.
6. Olympics - Basic Facts, Venues / Countries, Famous Performances and Personalities- India in Olympics-Winter Olympics & Para Olympics.
7. Asian Games, Afro-Asian Games, Commonwealth Games, SAF Games – Venues, Countries, Performance of India, other facts.
8. National Games.
9. Games - Events, Players, Achievements.
10. National Sports / Games , Events of various Countries

Literature

1. Malayalam - Important Literary Movements – Icons and their first works.
2. Main works of Literature related to each movement and their authors.
3. Writers – Pen name and Nick name.
4. Famous Works and Characters.
5. Famous Quotes – Books and Authors.
6. Beginning of Journalism in Kerala – Pioneers, Journals and Publications.
7. Famous Awards/ Honours – Writers and their works.
8. Malayalam Writers who won the Jnanpith Award and related facts.
9. Malayalam Cinema - Origin, Development, Milestones, Pioneers, National Awards.

Culture

1. Kerala - Important Celebrations -Places associated with such Celebrations, Important Festivals.

2. Kerala – Cultural Centres, Worship Places, Cultural Leaders and their Contributions.

vi) Science and Technology ,Current affairs

1) Science and Technology: Nature and scope of Science and Technology, Relevance of S&T, National policy on S&T and innovations, Basics of everyday science, Human body, Public Health and Community Medicine, Food and Nutrition, Health Care.

Institutes and Organization in India promoting integration of S&T and Innovation, their activities and contributions, Contribution of Prominent Indian Scientists.

2) ICT : Nature and Scope of ICT, ICT in day today life, ICT and industry, ICT and Governance – various Government schemes promoting use of ICT, e-Governance Programmes and Services, Netiquettes, Cyber Security concerns – National Cyber Crime Policy. MIS. Artificial Intelligence – benefits and impacts, Robotics.

3) Technology in Space and Defence: Evolution of Indian Space Programme, ISRO – it's activities and achievements, various Satellite Programmes – DRDO-vision, mission and activities.

4) Energy requirement and efficiency: India's existing energy needs and deficit, India's energy resources and dependence, Renewable and Non-renewable energy resources, Energy Policy of India – Govt.Policies and Programmes, Energy Security and Nuclear Policy of India.

5) Environmental Science : Issues and concerns related to environment, its legal aspects, policies and treaties for the protection of environment at the National and the International level, Environment protection for sustainable development.

Biodiversity – its importance and concerns, Climate change, International initiatives (Policies, Protocols) and India's commitment, Western Ghats, Features, Characteristics and issues.

Forest and wildlife – Legal framework for Forest and Wildlife Conservation in India.

Environmental Hazards, Pollution, Carbon Emission, Global Warming. National action plans on climate change and Disaster Management.

Developments in Biotechnology, Green Technology and

Nano- t echnology.

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper

PAPER II

ENGLISH **(100 Marks – 120 Minutes)**

- Comprehension of given passages
- Precis writing
- Essays