

**RAJASTHAN PUBLIC SERVICE COMMISSION,
AJMER**

**SYLLABUS FOR SCREENING TEST
FOR THE POST OF LECTURER IN GEOGRAPHY
(SCHOOL EDUCATION)**

GEOGRAPHY

I. GENERAL GEOGRAPHY-

Origin of earth: the Moon and its phases, Solar and Lunar eclipses; Rotation and Revolution of the earth and their effects; Latitude, Longitude, time and time zones.

II. ATMOSPHERE-

Composition, Insolation, Horizontal and Vertical distribution of temperature, Isotherms; Pressure belts; Winds-Planetary, Periodic and Local; Cyclones, Anticyclones; Humidity, clouds and Precipitation-its forms and types; Air Pollution and its effects.

III. LITHOSPHERE AND HYDROSPHERE-

Orogenetic and Epeirogenic movements; Mountain building; Earthquakes and Volcanoes, Sub areal denudation-Work of Glaciers; Running water and Winds with their respective topographic features.

Ocean deposits, Ocean bottom, currents and Tides, Coral Reefs.

IV. HUMAN GEOGRAPHY-

Definition and Principles of human geography, Facts of human geography by Huntington and Brunches. Elements of Environment, Impact of environment of Habitat, Economy and Society of Eskimos, Pygmies, Bushmen, Bhils and Nagas. Principal human agglomerations; Population explosion-Causes and impacts. Population problems and solutions.

V. ECONOMIC GEOGRAPHY-

Types of Agriculture, condition of growth and world distribution of wheat, rice, tea, coffee, cotton and sugarcane. Distribution and utilisation of Iron, Manganese, Aluminum, Tin, Coal, Petroleum, Hydro-electricity. Distribution of Iron and steel and Textile Industries. Trade & Trade Routes, Ports and hinterlands.

VI. REGIONAL GEOGRAPHY OF THE WORLD-

Detailed study of the following major-natural Regions of the world - (1) Equatorial (2) Monsoon (3) Hot deserts (4) Mediterranean (5) West European and (6) Temperate, Grass lands under the following heads- location, relief, drainage, climate, vegetation, soil, agriculture, minerals and sources of power, industries, population, trade and transport.

VII. REGIONAL GEOGRAPHY OF INDIA UNDER THE FOLLOWING HEADS-

Location, relief, structure and drainage. Physiographic regions. Climate, Vegetation and Soil with their respective regions, Agriculture, Irrigation, Multi purpose projects, Minerals and Sources

of power, Industrial regions, Means of transportation, population resources, Trade Centres and ports.

VIII. RAJASTHAN-

A regional study with reference to - Location, Relief, Drainage, Climate, Vegetation, Agriculture, Irrigation Projects, Minerals, Industries, Population and Transport System. Natural regions of Rajasthan.

IX. PRACTICAL GEOGRAPHY-

- (i) Scales- Definition and methods of representation of Simple. Diagonal and comparative Scales.
- (ii) Map Projections- Definition and classification of projections with their general characteristics.
- (iii) Representation of Relief- Methods of Representation of relief. Study of Topographical survey sheets of India, Conventional Sings.
- (iv) Weather maps-Study and interpretation of weather symbols.
- (v) Surveying- Definition and kinds of Surveying, procedure and methods of survey. Chain and Type Survey.

Note- Pattern of Question Paper-

Objective type paper

Maximum Marks: 100

Number of Question: 100

Duration of Paper: Two Hours

All Questions carry equal marks

There will be Negative Marking.

