

**RAJASTHAN PUBLIC SERVICE COMMISSION,  
AJMER**

**SYLLABUS FOR EXAMINATION FOR THE POST OF LECTURER IN  
GEOGRAPHY  
(SCHOOL EDUCATION)  
PAPER-II**

**1. Knowledge of Subject concerned : Senior Secondary Level**

- Interior of earth, rocks, earthquakes and Volcanoes, Plate tectonics, work of wind, running waters, Glaciers.
- Structure and Composition of Atmosphere, Insolation and Heat budget, major climatic regions of World.
- Relief features of the Oceans, salinity, tides, ocean currents.
- **India**- Location, physiographic divisions, climate, vegetation, soils.  
Population: distribution and density and growth.  
Disaster management: flood, draught, landslides.  
Major crops, Minerals, Iron and Steel Industry, Cotton and Textile Industry.  
Environment Pollution, sustainable development.
- Human Geography- Definition, scope and principles. Primary, secondary, tertiary and quaternary activities. Transportation communication and Trade. Distribution, density and growth of world Population. Human development concept.
- Scales, Projections, Spatial information technology, mean, median, mode, standard deviation, correlation.

**2. Knowledge of Subject concerned : Graduation Level**

- **Physical Geography:** Isostasy, Earth movements, Inversion of Temperature, pressure belts and wind circulation. Classification of climates of the world: Koppen's, Thornwait. Ocean deposits. Formation of Coral Reefs and Atolls.
- **Human Geography:** Modern school of thought in Human Geography- possibilism, determinism, neo-determinism. Migration its causes and types. Distribution of important races of the world.

- **Economic Geography:** Natural resources and their distribution. Agricultural regions of the world. Industrial regions of the world.
- **Geography of Thought:** Definition, scope, nature and purpose of Geography, contribution of Greek Geographers, Roman Geographers. Works of Humboldt, Ritter, Ratzel, Hartshorne, Huntington, Blache and Carl Saur.
- **Rajasthan:** Physiography, climate, vegetation, soils, irrigation. Major crops, chief minerals, major Industries. Population distribution and density. Desertification, Agro-climate regions.

### 3. Knowledge of Subject concerned : PG Level

- **Geography of Thought-** Dualism in geography. Behavioural geography. Recent trends in geography. Development of geography in India.
- **Geomorphology-** Fundamental concepts, slope evolution. Application of Geomorphic mapping. Environmental Geomorphology.
- **Economic Geography-** Theories of Plant location: Weber's Least Cost theory. Economic regions of India.
- **Urban Geography-** Origin and growth of Towns in Ancient Medieval and Modern period. Umland principles of Town Planning.
- **Agricultural Geography-** Von Thunen's Agricultural Location theory. Green revolution in India. Agro-forestry importance and its scope in India.
- **Population Geography-** Theories of Population: Malthusian and optimum. The population policy of Government of India.
- **Political Geography-** Development of Political Geography. Concepts of Mackinder. The Unified field theory of Political Geography by B.S. Jones. Frontiers Boundaries and Buffer zones.

## **Part – IV (Educational Psychology, Pedagogy, Teaching Learning Material, Use of computers and Information Technology in Teaching Learning)**

1. Importance of Psychology in Teaching-Learning :
  - Learner,
  - Teacher,
  - Teaching-learning process,
  - School effectiveness.
2. Development of Learner
  - Cognitive, Physical, Social, Emotional and Moral development patterns and characteristics among adolescent learner.
3. Teaching – Learning :
  - Concept, Behavioural, Cognitive and constructivist principles of learning and its implication for senior secondary students.
  - Learning characteristics of adolescent and its implication for teaching.
4. Managing Adolescent Learner :
  - Concept of mental health and adjustment problems.
  - Emotional Intelligence and its implication for mental health of adolescent.
  - Use of guidance techniques for nurturing mental health of adolescent.
5. Instructional Strategies for Adolescent Learner :
  - Communication skills and its use.
  - Preparation and use of teaching-learning material during teaching.
  - Different teaching approaches:
    - Teaching models- Advance organizer, Scientific enquiry, Information, processing, cooperative learning.
  - Constructivist principles based Teaching.
6. ICT Pedagogy Integration :
  - Concept of ICT.
  - Concept of hardware and software.
  - System approach to instruction.
  - Computer assisted learning.
  - Computer aided instruction.
  - Factors facilitating ICT pedagogy integration.

**Paper – II Subject Concerned**

**Duration : 3 Hour**

<b>S.No.</b>	<b>Subject</b>	<b>No. of Questions</b>	<b>Total Marks</b>
1	Knowledge of Subject Concerned : Senior Secondary Level	55	110
2	Knowledge of Subject Concerned : Graduation Level	55	110
3	Knowledge of Subject Concerned : Post Graduation Level	10	20
4	Educational Psychology, Pedagogy, Teaching Learning Material, Use of Computers and Information Technology in Teaching Learning.	30	60
<b>Total</b>		<b>150</b>	<b>300</b>
<b>Note : 1</b> All the question in the Paper shall be Multiple Choice Type Question.			
2 Negative marking shall be applicable in the evaluation of answers. For every wrong answer one-third of the marks prescribed for that particular question shall be deducted. Explanation : Wrong answer shall mean an incorrect answer or multiple answer.			