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 techtonics, 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.
   - 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.


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

• **Geography of Thought**: Dualism in geography. Behavioural geography. Recent trends in geography. Development of geography in India.


• **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.

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

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<th>S.No.</th>
<th>Subject</th>
<th>No. of Questions</th>
<th>Total Marks</th>
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<td>2</td>
<td>Knowledge of Subject Concerned : Graduation Level</td>
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<td>3</td>
<td>Knowledge of Subject Concerned : Post Graduation Level</td>
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<td>Educational Psychology, Pedagogy, Teaching Learning Material, Use of Computers and Information Technology in Teaching Learning.</td>
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<td><strong>Total</strong></td>
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**Note :**
1. 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.