

# **RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER**

SYLLABUS FOR EXAMINATION FOR THE POST OF LECTURER

(SCHOOL EDUCATION)

## **PAPER - I**

### **General Awareness and General Studies**

#### **1. History of Rajasthan and Indian History with special emphasis on Indian National Movement**

- Development of Art, Science and Literature during Mouryan and Gupta Periods.
- Ancient Indian education system and educational institutions of learning, Indian cultural expansion abroad.
- Growth of education during British period, Freedom Struggle of 1857. Rise of Nationalist movement, Prominent leaders of national movement, V.D. Savarkar, Bankim Chandra, Lal, Bal, Pal, Chandra Shekhar Azad, Bhagat Singh, Sukhdev, Ras Behari Bose, Subhash Chandra Bose., social and religious renaissance- Raja Ram Mohan Roy, Dayanand Saraswati and Vivekanand.
- Mahatma Gandhi and National movement.
- Freedom Struggle of 1857 and Rajasthan. Peasant and labour movement. Vijay Singh Pathik, Arjun Lal Sethi, Kesari Singh and Joravar Singh Bareth.
- Shivaji and the Maratha Swaraj, Rajput polity, society and culture during 7 th to 12 th centuries.
- Bhakti movement and cultural synthesis, development of education, language, literature, Art and Architecture during Mugal Period.
- Maharana Pratap, struggle with the Mughals.

#### **2. Mental Ability Test**

Analogy, series completion, coding-decoding, blood relations, logical venn diagrams, alphabetical test, number ranking and time sequence test, mathematical operations, arithmetical reasoning, data interpretation, data sufficiency, cubes and dice, construction of sequences and triangles.

#### **Statistics (Secondary Level)**

Collection of data, presentation of data, graphical representation of data, measures of central tendency, mean, mode, median of ungrouped and grouped data.

## **Mathematics (Secondary Level)**

Natural, rational and irrational numbers, real numbers and their decimal expansions, operations on real numbers, laws of exponents for real numbers, rational numbers and their decimal expansions. Zeroes of a polynomial. Relationship between zeroes and coefficients of a polynomial. Division algorithm for polynomials. Algebraic methods of solution of pair of linear equations in two variables.

## **Mensuration :**

Surface area of a cuboid and a cube, right circular cylinder, right circular cone, sphere. Volume of a cuboid, cylinder, right circular cone and sphere, Surface area and volume of a combination of solids conversion of solid from shape to another.

## **Language ability test : Hindi, English**

### **सामान्य हिन्दी**

- संधि और संधि विच्छेद ।
- उपसर्ग ।
- प्रत्यय ।
- विपरीतार्थक (विलोम) शब्द ।
- अनेकार्थक शब्द ।
- शब्द – युग्म ।
- शब्द – शुद्धि : अशुद्ध शब्दों का शुद्धीकरण और शब्दगत अशुद्धि का कारण ।
- वाक्य – शुद्धि : अशुद्ध वाक्यों का शुद्धीकरण और वाक्यगत अशुद्धि का कारण ।
- क्रिया : सकर्मक और अकर्मक क्रियाएँ ।
- अँगरेजी के पारिभाषिक (तकनीकी) शब्दों के समानार्थक हिन्दी शब्द ।

## **GENERAL ENGLISH :**

- Tenses/Sequence of Tenses.
- Voice : Active and Passive.
- Narration : Direct and Indirect.
- Use of Articles and Determiners.
- Use of Prepositions.
- Correction of sentences including subject, Verb, Agreement, Degrees of Adjectives, Connectives and words wrongly used.
- Glossary of official, Technical Terms (with their Hindi Versions).
- Antonyms.
- Forming new words by using prefixes and suffixes.
- Confusable words.

### **3. Current Affairs**

Census of India and Raj 2011, Current Programmes of development in India with special reference to Rajasthan, Schemes of women Empowerment in India with special reference to Rajasthan, skill development Programmes, Renewable Energy resources and their potential in India. Health and Hygiene Schemes of Rajasthan, Space programmes of India, Atomic Energy programmes, India and the world events of importance, Persons and places of India in current issues, Contemporary events in Science and Technology in India, National and International Awards and Prizes, Latest Books and Authors of India, Sports and games.

### **4. General Science**

Atoms and molecules, Chemical reactions and equations, Carbon and its compounds, Force and laws of motion, Work and energy, Tissues, Control and coordination, Heredity and evolution, Management of natural resources, Protection of environment, Biodiversity and sustainable development.

#### **Indian Polity:**

- Salient feature of the constitution of India, Indian Executive, Legislature, and Judiciary - Organization, Theory and practice, Elections in India. The president of India, Election and emergency powers of the president.
- Cabinet, Prime Minister and his powers.
- Parliament, speaker and his functions.
- Beurocratic set up of India.
- Political parties and their role – Theory and practice.
- Supreme court – Organization and powers, Commissions and Boards at -national level.

#### **Geography of Rajasthan**

Location, extent, shape, size, physical features climate, demographic characteristics, agriculture, mineral resources, energy resources. Tourism and transport. Industries and trade.

### **5. Educational Management, Educational scenario in Rajasthan, Right to Education Act 2009**

Concept and functions of educational management, Educational management in Rajasthan, School as a unit of decentralized planning, Educational management information System(EMIS), Institutional planning, School mapping, Block Resource Centre(BRC), School Management Committee(SMC), District Information System for Education(DISE), Sarva Shiksha Abhiyan(SSA), Rashtriya Madhyamik Shiksha Abhiyan(RMSA).

Organisation of educational set up at primary and secondary in Rajasthan , Functions of RIE, SIERT, BSER, IASE, CTE, DIET, Rajasthan Educational Initiative, Balika Shiksha Foundation, Kasturba Gandhi Balika Vidyalaya, Rajasthan text book board, Bharat Scouts and Guides.

Rasthriya Military school, Sainik school, Public school, Model school, E-Mitra, E-Governance, Rajshiksha, Edusat, Gyandarshan, Gyanvani.

Provisions of Right of Children to Free and Compulsory Education Act, 2009

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### Scheme of Examination

S. No.	Subject	No. of Questions	Total Marks
1	History of Rajasthan and Indian History with special emphasis on Indian National Movement	15	30
2	Mental Ability Test, Statistics (Secondary Level), Mathematics (Secondary Level), Language Ability Test : Hindi, English	20	40
3	Current affairs	10	20
4	General Science, Indian Polity, Geography of Rajasthan	15	30
5	Educational Management, Educational Scenario in Rajasthan, Right to Education Act, 2009	15	30
	<b>Total</b>	75	150
<b>Note :</b> 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. 3 Duration of the paper shall be 1 Hour 30 Minutes.			