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.
   - Mahatma Gandhi and National movement.
   - 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 Mugals.

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. Zeros 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
• उपसार्ग
• प्रत्यय
• विषयार्थक (विलोम) शब्द
• अनेकार्थक शब्द
• शब्द – युग्म
• शब्द – शुद्धिः अशुद्ध शब्दों का शुद्धीकरण और शब्दगत अशुद्धिः का कारण
• वाक्य – शुद्धिः अशुद्ध वाक्यों का शुद्धीकरण और वाक्यगत अशुद्धिः का कारण
• क्रिया : सक्रिमक और अक्रिमक क्रियाएँ
• अंगरेजी के पारंपरिक (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.
• Confusible words.
3. **Current Affairs**

Economic Planning in India, 12th five year plan, Census of India 2011, Various development programme of India and Rajasthan, Poverty eradication programme, Youth employment programme, 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 News, 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**


**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.
- Burocratic 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 Madhyanik Shiksha Abhiyan(RMSA).

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

Scheme of Examination

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