

RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

SYLLABUS FOR EXAMINATION FOR THE POST OF COACH (SCHOOL EDUCATION)

PAPER – I

General Studies

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

- Development of Literature, Art and Architecture during Gupta and Mughal Period.
- Freedom Struggle of 1857. 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.
- National movement with special reference to Mahatma Gandhi, Jawahar Lal Nehru, Vallabhbhai Patel, Maulana Azad and B.R.Ambedkar.
- Ancient Culture & Civilization of Rajasthan- Kalibangan, Ahar, Ganeshwar, Bairath.
- **History of Rajasthan from 8th to 18th Century-** Gurjar Pratihars, Chauhans of Ajmer, Relations with Delhi Sultanate– Mewar, Ranthambore and Jalore, Rajasthan and Mughals – Rana Sanga, Maharana Pratap, Mansingh of Amer, Chandrasen, Rai Singh of Bikaner, Raj Singh of Mewar.
- **History of Freedom Struggle in Rajasthan-** Revolution of 1857, Political Awakening, Prajamandal Movements, Peasants and Tribal Movements.
- **Integration of Rajasthan.**
- **Society and Religion-** Lok Devta and Devian, Saints of Rajasthan, Architecture – Temples, Forts and Palaces, Paintings – Various Schools, Fairs and Festivals, Customs, Dresses and Ornaments, Folk Music and Dance, Language and Literature.

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.

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

सामान्य हिन्दी

- संधि, संधि विच्छेद
- उपसर्ग, प्रत्यय
- अनेकार्थक शब्द, विलोम शब्द, समश्रुत भिन्नार्थक शब्द
- शब्द-शुद्धि, वाक्य- शुद्धि
- अँगरेजी के पारिभाषिक (तकनीकी) शब्दों के समानार्थक हिन्दी शब्द (केवल प्रशासनिक 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
- Glossary of Official and Technical Terms (with their Hindi Versions)
- Antonyms and Synonyms
- Forming New Words by using Prefixes and Suffixes
- Words often Confused

3. Current Affairs:

Census of India and Rajasthan 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, Pandemic and its Management. 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 features 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.
- Supreme Court – Organization and powers, Commissions and Boards at-National level.

Geography of Rajasthan:

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

For the competitive examination for the post of School Lecturer:-

1. The question paper will carry maximum 150 marks.
2. Duration of question paper will be 01 Hours 30 Minutes.
3. The question paper will carry 75 questions of multiple choices.
4. 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.
5. Paper shall include following subjects: -
 - (i) History of Rajasthan and Indian History with special emphasis on Indian National Movement
 - (ii) Mental Ability Test, Statistics (Secondary Level), Mathematics (Secondary Level), Language Ability Test: - Hindi, English
 - (iii) Current Affairs
 - (iv) General Science, Indian Polity, Geography of Rajasthan.
