

RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

SYLLABUS OF COMPETITIVE EXAMINATION FOR THE POST OF COACH (SCHOOL EDUCATION) PAPER – I

General Awareness and General Studies

- **History of Rajasthan and Indian History with special emphasis on Indian National Movement**
 - Freedom Struggle of 1857.
 - Growth of Nationalism (1858-1919).
 - Growth of mass Nationalism (1919-1942).
 - Revolutionary activities.
 - Towards Freedom and Partition.
 - Social and Religious Renaissance in 19th and 20th Century.
 - Prominent Leaders of 19th and 20th Century with special reference to V.D. Savarkar, Bankim Chandra, Lal, Bal, Pal, Chandra Shekhar Azad, Bhagat Singh, Sukhdev, Ras Behari Bose, Subhash Chandra Bose.
 - National movement with special reference to Mahatma Gandhi, Jawahar Lal Nehru, Vallabhbhai Patel, Maulana Azad and B.R. Ambedkar.
 - **History of Rajasthan**
Ancient Culture & Civilization of Rajasthan- Kalibangan, Ahar, Ganeshwar, Bairath.
 - **History of Rajasthan from 8th to 18th Century-**
Gurjar Pratiharas, 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.
- **Mental Ability Test:**
Analogy, series completion, coding-decoding, blood relations, logical venn diagrams.

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

Language Ability Test:**सामान्य हिन्दी:**

- संधि, संधि विच्छेद
- उपसर्ग, प्रत्यय
- अनेकार्थक शब्द, विलोम शब्द, समश्रुत भिन्नार्थक शब्द
- शब्द-शुद्धि, वाक्य- शुद्धि
- अँग्रेजी के पारिभाषिक (तकनीकी) शब्दों के समानार्थक हिन्दी शब्द (केवल प्रशासनिक शब्द)

General English:

- Tenses/Sequence of Tenses
- Active and Passive Voice
- Direct and Indirect Speech
- 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
- Word Formation (by using Prefixes and Suffixes)
- Words often Confused

- **Current Affairs:**

- A. Rajasthan and India.-**

Recent development programmes, flagship schemes and new initiatives, skill development and startup initiatives; social and economic indicators; events of importance; persons and places; contemporary events in science, technology and environment; awards and prizes; latest books and authors; sports and games.

- B. International-**

Contemporary International issues and events.

- **General Science:**

Atoms and molecules, chemical reactions and equations, carbon and its compounds, force and laws of motion, work and energy, electricity, sound, tissues, control and coordination, heredity and evolution, management of natural resources, protection of environment, biodiversity and sustainable development, science in daily life, recent developments in science and technology, traditional knowledge system of India in science.

- **Indian Polity:**

- Government of India Act 1935, Constituent Assembly and Salient features of the Constitution of India.
- President, Vice-President, Prime Minister and Council of Ministers.
- Parliament, Supreme Court, Election Commission, Union Public Service Commission.
- Panchayats and Municipalities.
- National Human Rights Commission, National Commission for Women, Central Vigilance Commission, National Green Tribunal and National Commission for Protection of Child Rights.

- **Geography of Rajasthan:**

Location, Extent, Shape, Size, Physical features, Drainage, Soil, Natural vegetation and Wildlife, Climate, Demographic Characteristics, Agriculture, Livestock, Mineral Resources, Energy Resources, Tourism, Transport, Industries and trade.

For the competitive examination for the post of **Coach:-**

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.