

RAS (Preliminary)

Scheme of Examination:

The Preliminary Examination will consist of one paper on the subject specified below, which will be of objective type and carry a maximum of 200 marks.

The examination is meant to serve as a screening test only. The Standard of the paper will be that of a Bachelor's Degree Level. The marks obtained in the Preliminary Examination by the candidates, who are declared qualified for admission to Main Examination will not be counted for determining their final order of merit.

Paper	Subject	Max Marks	Time
I	General Knowledge and General Science	200	3 Hours

- Note-**
1. There will be 150 questions of multiple choice (Objective Type), carrying equal marks.
 2. There will be negative marking. 1/3 mark will be deducted for each wrong answer.

SYLLABUS :

History, Art, Culture, Literature, Tradition & Heritage of Rajasthan

- Pre-historical sites of Rajasthan- from Palaeolithic to Chalcolithic and Bronze Age.
- Historical Rajasthan: Important historical centres of Early Christian Era. Society, Religion and Culture in Ancient Rajasthan.
- Political and Cultural achievements of prominent rulers of major dynasties - Guhila, Pratihar, Chauhan, Parmar, Rathore, Sisodiya and Kachchawa. Administrative and Revenue System in Medieval Rajasthan.
- Emergence of Modern Rajasthan: Agents of Social Awakening in Rajasthan during 19th-20th Centuries. Political Awakening: role of newspapers and political institutions. Tribal and Peasant movements in 20th century, Praja Mandal movements in various princely states during 20th century. Integration of Rajasthan.
- Architectural Tradition of Rajasthan- temples, forts, palaces and man-made water bodies; Various schools of paintings and handicrafts.
- Performing Art: Classical Music and Classical Dance; Folk Music & Instruments; Folk Dances & Drama.
- Language & Literature: Dialects of Rajasthani Language. Literature of Rajasthani language and Folk literature.
- Religious Life: Religious Communities, Saints and Sects in Rajasthan. Folk Deities of Rajasthan.
- Social Life in Rajasthan: Fairs and festivals; Social customs and traditions; attires and ornaments.
- Leading Personalities of Rajasthan.

Indian History

Ancient & Medieval Period:

- Cultural Foundations of India - Indus and Vedic Age; Renunciatory tradition and new religious ideas of 6th Century BC- Ajivakas, Buddhism and Jainism.
- Achievements of prominent rulers of major dynasties: Maurya, Kushan, Satavahan, Gupta, Chalukya, Pallava and Chola.
- Art and Architecture in Ancient India.
- Development of Language and Literature in Ancient India: Sanskrit, Prakrit and Tamil.
- Sultanate Period: Achievements of prominent Sultanate Rulers. Cultural achievements of Vijaynagar.
- Mughal Period: Political challenges and reconciliation- Afghan, Rajput, Deccan States & Maratha.
- Development of Art & Architecture, Paintings and Music during medieval period.
- Religious & Literary contribution of Bhakti & Sufi movement.

Modern Period (from early 19th century to 1964):

- Evolution of Modern India & Emergence of Nationalism: Intellectual awakening; Press; Western education. Socio-religious reforms during 19th century: various leaders and institutions.
- The Freedom Struggle & Indian National Movement- its various stages, streams and important contributors, contributions from different parts of the country.
- Post-independence Nation Building: The linguistic reorganisation of the states, Institutional building during Nehruvian age, Development of science and technology.

Geography of World and India

World Geography:

- Major Landforms-Mountains, Plateaus, Plains & Deserts

- Major Rivers & Lakes
- Types of Agriculture
- Major Industrial Regions.
- Environmental Issues- Desertification, Deforestation, Climate Change & Global Warming, Ozone Layer Depletion

Geography of India:

- Major Landforms- Mountains, Plateaus, Plains
- Mechanism of Monsoon & Rainfall distribution
- Major Rivers & Lakes
- Major Crops- Wheat, Rice, Cotton, Sugarcane, Tea & Coffee
- Major Minerals- Iron ore, Manganese, Bauxite, Mica
- Power Resources- Conventional & Non-Conventional
- Major Industrial Regions.
- National Highways & Major Transport Corridors

Geography of Rajasthan

- Major physiographic regions and their characteristics
- Climatic characteristics
- Major Rivers & Lakes
- Natural Vegetation & Soil
- Major Crops- Wheat, Maize, Barley, Cotton, Sugarcane & Bajra
- Major Industries.
- Major Irrigation Projects & Water Conservation Techniques
- Population-Growth, Density, Literacy, Sex-ratio & Major Tribes
- Minerals- Metallic & Non-Metallic
- Power Resources- Conventional & Non-Conventional
- Biodiversity & its Conservation
- Tourist Centres & Circuits

Indian Constitution, Political System & Governance

- **Indian Constitution: Philosophical Postulates:**
- Constituent Assembly, Salient features of Indian Constitution, Constitutional Amendments.
- Preamble, Fundamental Rights, Directive Principles of State Policy, Fundamental Duties.
- **Indian Political System:**
- President, Prime Minister and Council of Ministers, Parliament, Supreme Court & Judicial Review.
- Election Commission of India, Comptroller and Auditor General, NITI Aayog, Central Vigilance Commission, Lokpal, Central Information Commission, National Human Rights Commission.
- Federalism, Democratic Politics in India, Coalition Governments, National Integration.

Political and Administrative System of Rajasthan

State Political System:

- Governor, Chief Minister and Council of Ministers, Legislative Assembly, High Court.

Administrative System:

- District Administration, Local Self Government, Panchayati Raj Institutions.

Institutions:

- Rajasthan Public Service Commission, State Human Rights Commission, Lokayukt, State Election Commission, State Information Commission.

Public Policy & Rights:

- Public Policy, Legal Rights and Citizen's Charter.

Economic Concepts and Indian Economy

Basic Concepts of Economics

- Basic Knowledge of Budgeting, Banking, Public Finance, Goods and Service Tax, National Income, Growth and Development
- Accounting- Concept, Tools and Uses in Administration
- Stock Exchange and Share Market
- Fiscal and Monetary Policies
- Subsidies, Public Distribution System
- e-Commerce

- Inflation- Concept, Impact and Control Mechanism

Economic Development & Planning

- Major Sectors of Economy: - Current Status, Issues & Initiatives of Agriculture, Industry, Service and Trade sectors
- Major Economic Problems and Government Initiatives. Economic Reforms and Liberalization

Human Resource and Economic Development

- Human Development Index
- Happiness Index
- Poverty and Unemployment: - Concept, Types, Causes, Remedies and Current Flagship Schemes.

Social Justice and Empowerment

- Provisions for Weaker Sections.

Economy of Rajasthan

- Macro overview of Economy.
- Major Agricultural, Industrial and Service Sector Issues.
- Growth, Development and Planning.
- Infrastructure & Resources.
- Major Development Projects.
- Major Welfare Schemes of State Government for SC/ST/Backward Classes/ Minorities/ Disabled Persons, Destitute, Women, Children, Old Age People, Farmers & Labourers.

Science & Technology

- Basics of Everyday Science.
- Computers, Information and Communication Technology.
- Defence Technology, Space Technology and Satellites.
- Nanotechnology, Biotechnology and Genetic Engineering.
- Food and Nutrition, Blood Groups and Rh Factor.
- Health care; Infectious, Non-Infectious and Zoonotic diseases.
- Environmental and Ecological Changes and their Impact.
- Biodiversity, Conservation of Natural Resources and Sustainable Development.
- Agriculture, Horticulture, Forestry and Animal Husbandry with special reference to Rajasthan.
- Development of Science and Technology with special reference to Rajasthan.

Reasoning & Mental Ability

Logical Reasoning (Deductive, Inductive, Abductive):

- Statement and Assumptions
- Statement and Argument
- Statements and Conclusion
- Statement and Courses of Action
- Analytical Reasoning

Mental Ability:

- Number /Letter sequences
- Coding/Decoding
- Problems related to Relations
- Direction sense test
- Logical Venn diagram
- Mirror / Water images
- Shapes and their sub sections

Basic Numeracy:

- Ratio, Proportion and Partnership
- Percentage
- Simple and Compound Interest
- Perimeter and Area of Plane figures
- Data Analysis (Tables, Bar diagram, Line graph, Pie-chart)
- Mean(Arithmetic, Geometric and Harmonic), Median and Mode
- Permutation and Combination
- Probability (Simple Problems)

Current Affairs

- Major Current Events and Issues of Rajasthan, India and International Importance.
- Persons, Places and Institutions in News.
- Games and Sports related activities.