

Rajasthan CET 12th Level Syllabus

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

Topics Covered in History, Art, Culture & Literature Syllabus	
Ancient civilisations - Ahar, Kalibanga, Ganeshwar, Balathal, and Bairath	Important historical events in the history of Rajasthan, their administrative and political system, major dynasties, socio-cultural dimensions
Salient features of Architecture - Forts & Monuments, Arts, Handicrafts, and Paintings	Freedom movement, political public awakening, and Prajamandal movement in Rajasthan
Customs, costumes, and Jewellery	Integration of Rajasthan
Folk languages, dialects, and literature	Folk music and folk dance
Saints, poets, warriors, folk gods, and folk goddesses	Fairs and Festivals

Geography of India and Rajasthan

Topics Covered in Geography of India and Rajasthan Syllabus	
Major physical features of Rajasthan - climatic conditions, vegetation and soils, rivers, dams, and lakes	Natural resources of Rajasthan - Mineral wealth, forest wealth, water resources, faunal wealth, wildlife sanctuary, and conservation
Tourism in Rajasthan	Population - density, growth, literacy, and sex ratio; Major tribes
Physical features of India – Mountains, plateaus, deserts, and plains	Major rivers, dams, lakes, and seas; wildlife and sanctuaries

Indian Political System with Special Emphasis on Rajasthan

Topics Covered in Indian Political System with Special Emphasis on Rajasthan
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Nature and Preamble of the Indian Constitution	Fundamental Rights
Political and Administrative System of Rajasthan – Chief Minister, Rajasthan Public Service Commission (RPSC), Governor, State Legislative Assembly, High Court.	State Election Commission, Chief Secretary of State, District Administration, State Information Commission, State Human Rights Commission
Directive Principles of State Policy and Fundamental Duties	Local self-government and Panchayati Raj

Economy of Rajasthan

Topics Covered in Economy of Rajasthan Syllabus	
Small, Cottage, and Village Industries	Various welfare schemes in Rajasthan
Mahatma Gandhi National Rural Employment Guarantee Act (MNREGA)	Development institutions, small enterprises, and financial institutions
Various sources of energy in Rajasthan – Nuclear energy, Hydroelectricity, Thermal energy, Wind energy, and Solar energy	Industrial Development of Rajasthan - Major Industries and Industrial Areas
Agriculture and Economic Development in Rajasthan - Major crops of Rajasthan, agriculture-based industries,	Major irrigation projects, unemployment, desert development projects, handicraft industry, drought, and famine
Role of Panchayati Raj Institutions in rural development	

Everyday Science

Topics Covered in Everyday Science Syllabus for Rajasthan CET 12th Level Exam	
Physical and Chemical Changes	Catalyst
Oxidation and reduction reactions	Metals, non-metals, and their main compounds
Some important compounds used in daily life	Carbon and Important Carbon Compounds

Hydrocarbons	Allotropes of Carbon
Chloro-fluorocarbons or Freons	CNG (Compressed Natural Gas CNG)
Polymers	Soaps and detergents
Reflection of light and its laws	Dispersion of light
Types of lenses	Visual impairments and their remedies
Space and Information Technology	India's Space Research Programme
Information Technology	Common Terminology Related to Genetics
Mendel's laws of inheritance	Structure of chromosomes
Nucleic Acid	Central principle of protein synthesis
Sex determination in humans	Environmental Studies
Structure of Ecosystem	Biotic Components of Ecosystem
Energy flow in ecosystem	Biogeochemical cycles
Biotechnology: General Information	Bio-Patents
Development of new plant varieties	Transgenic organisms
Economic importance of animals	Economic importance of plants
Blood group	Blood Transfusion
Rh factor	Malnutrition and human health
Microbes and Human Health	Human diseases: Causes and prevention

Logical Reasoning and Mental Ability

Details	
Square, cube, square root, cube root of whole numbers (up to 6 digit numbers) by Vedic method	Factors, factors of polynomials, equations, linear equations with two variables, quadratic equations, logarithms
Percent	Ratio-Proportion
Compound Interest	Profit and loss
Simple interest	Shells
Congruence of triangles	Distances between two points
Circumference and area of a circle	Straight line shapes
Cartesian index system	Similar triangles
Area of Plane Figures	Cubes and Cuboids
Internal and external division of distances between two points	Surface area and volume of a cone and a cylinder
Representation of Data through Pictures	Trigonometric Identities
Trigonometric ratios of acute angles	Common Height-Distance Problems
Birth-death statistics and index	General Mental Ability
Angles and their measures	Reasoning & Analytical Ability
Mean Deviation	Measures of Central Tendency
Angles and lines formed at a point	

General Hindi

Topics Covered in General Hindi Syllabus for Rajasthan CET 12th Level Exam

Treaty and treaty separation	Noun, pronoun, adjective, indeclinable, verb
Composition of compound words and their analysis	Shabd-Shuddhi (correction of incorrect words) and the reason for word errors
Sentence correction – Correction of incorrect sentences and the reason for sentence errors	Prefix
Suffixes	Alternative words
Antonyms	Idioms and Sayings
A meaningful word for the phrase	Word pairs
Polysemantic words	Hindi words with synonyms for technical English words
Knowledge related to office letters	

General English

Topics Covered in General English Syllabus for Rajasthan CET 12th Level Exam	
Narration – Direct and Indirect	Voice – Active and Passive
Use of Prepositions	One word substitution
Synonyms	Antonyms
Comprehension of a given passage	Knowledge of writing letters – Official, Demi Official, Circulars, and Notices
Tenses/Sequence of Tenses	Translations of Simple (Ordinary/Common) Sentences from Hindi to English and vice-versa
Use of Articles and Determiners	Glossary of official, Technical terms (with their Hindi Versions)

Computer Knowledge

Topic	Details
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1	Computer Organisation – Including RAM, ROM, File System, Input and Output Devices
2	Experience in MS-Office – Word, Excel/SpreadSheet, Power Point
3	Features of Computer

Current Affairs

Topic	Details
1	Sports and sports-related activities
2	Major contemporary events and issues of Rajasthan, Indian and International importance
3	People, places, and institutions currently in news