

RPSC AEN Syllabus 2018 Download Rajasthan Assistant Engineer (AEN) Combined Comp. Exam Pattern @recruitmentindia.in

RPSC Asst Engineer (AEN) Prelims Exam Pattern

SECTION – A		
COMPULSORY PAPER	MAX MARKS	TIME
General knowledge & General Science including General knowledge of Rajasthan its Geography, Economy and culture	200	2 hours

Or

SECTION – B		
List of Optional papers (any one paper to be opted by a candidate)	Max. Marks	Time
Civil Engineering	200	2 hours
Electrical Engineering	200	2 hours
Mechanical Engineering	200	2 hours
Agricultural Engineering	200	2 hours

Rajasthan PSC Assistant Engineer (AEN) Mains Exam Pattern

Compulsory Subject	Maximum Marks
Paper – I Hindi	100
Paper – II Social aspects of Engineering	100

Rajasthan PSC Assistant Engineer (AEN) Exam Scheme

Sl.No	Exam Scheme	Sections	Name of the Topics	Max Marks	Duration of the Exam	
1.	Conventional Type	I	Social aspects of Engineering	100	2 Hours	
2.		II	Hindi	100		
5.		III & IV (2 Papers)	Civil Engineering	200 Marks for Each Papers	3 Hours for Each Paper	
6.			Electrical Engineering			
7.			Agricultural Engineering			
8.			Mechanical Engineering			
Viva Voce/Interview				72 Marks		

RPSC Assistant Engineer (Civil) Syllabus 2018

Current affairs

- Current events of State
- National and International importance
- Games & Sports at State & National Level
- National & International agencies and their activities

History & Culture

- Music, Dance & theatre
- Religious beliefs, cults, saints, poets, Warrior-saints, Lok Devtas & Lok Deviyans
- Handicrafts
- Fairs and Festivals
- The medieval background
- Socio-economic life and organization
- Freedom movement and political awakening
- Political integration
- Dialects and Literature

Geography and Natural Resources

- Rajasthan's Physiography
- Ecology and wildlife of India
- Physical features of the world

Rajasthan PSC AEN Prelims Syllabus for Optional Subjects

Civil Engineering:

- Engineering Materials & Construction Technology
- Soil/ Geotechnical Engineering
- Surveying
- Structural Mechanics
- Steel Structures
- Reinforced Concrete Structures
- Fluid Mechanics Including Hydrology And Irrigation
- Public Health Engineering
- Highway And Bridges

Electrical Engineering

- Electrical Circuits
- Field Theory
- Electrical Materials
- Control System
- Electronics and Communication
- Microprocessor systems and computer
- Power systems
- Electrical Machines
- Electrical Measurement and Instrumentation
- Power Electronics

Mechanical Engineering:

- Industrial Engineering and Management
- Heat transfer

- Environmental Engineering
- Fluid Mechanics and turbomachines
- Power Generation
- Theory of Machines
- Strength of Materials
- Material Science
- Manufacturing Processes
- Thermodynamics

Agricultural Engineering:

- Renewable Energy
- Surveying, Leveling, and Land Development
- Irrigation
- Soil and Water Conservation
- Farm Power and Machinery
- Agricultural Processing
- Farm electrification and rural housing

RPSC AEN Syllabus 2018

Hindi:

- Proposition
- Tense
- Interrogative Sentence
- Infinitive & Gerund
- Phrases & Idioms
- Antonyms
- Spelling Mistake detection
- synonym
- Mood & Voice
- Verb
- Adverb & Conjunctive
- Noun & Pronoun
- Adjective
- Degree (Positive, Comparative & Superlative)
- Spotting of error

Social aspects of Engineering:

- Development of Science and Technology
- Depletion of natural resources
- Environmental Degradation and Resource Depletion
- Human Relations in Industry and Industrial Laws
- Development Processes
- Rural economy
- Globalisation of Economy
- Financing methods of infrastructure projects
- Rural energy needs
- Rural industries

Agricultural Engineering:

- Farm Machinery
- Surveying, Leveling and Land Development
- Agricultural Processing
- Farm electrification and Machine
- Renewable Energy
- Rural Housing
- Soil and Water Conservation
- Irrigation
- Drainage
- Pumps
- Water Resources Development and Management
- Farm Power