

Himachal Pradesh Public Service Commission



HPPSC Assistant Manager Exam Pattern

Subjects	Total Questions	Total Marks
National and International affairs	10	10
General Knowledge of Himachal Pradesh	10	10
Professional Knowledge of (B.Tech Standard – Civil, Electrical, Mechanical, IT)	80	80
Total	100	100
Time Duration	2 hours	

HPPSC AE Syllabus – Subject Wise

HPPSC AE Current Affairs (National & International) Syllabus

- National Dance
- Famous Places in India, Across World
- Scientific observations
- Political Science
- Indian Culture
- Economic Problems in India, Across World
- World organizations
- Books and Authors
- Science and innovations
- Geography of India, Other Countries
- Countries and Capitals

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- Music & Literature
- Important Dates
- New inventions
- About India and it's neighboring countries

HPPSC Assistant Engineer General Knowledge Syllabus

- Himachal Pradesh History
- Inventions in the World
- Himachal Pradesh Culture
- Himachal Pradesh Parliament
- Famous Books & Authors of Himachal Pradesh
- Himachal Pradesh Politics
- Sports
- Environment
- Himachal Pradesh Economy
- Himachal Pradesh Geography

Himachal Pradesh PSC AE Civil Engineering Syllabus

- Hydrology & Water Resources Engineering.
- Bridge Engineering.
- Soil Mechanics and Foundation Engineering.
- Surveying.
- Reinforced Concrete Structures.
- Transportation Engineering.
- Civil Engineering Materials and Construction.
- Fluid Mechanics.
- Environmental Studies etc.
- Estimation, Costing, and Specifications.
- Construction and Project Management.
- Environmental Engineering.
- Solid Mechanics, Structural Analysis.
- Concrete Technology.
- Steel Structures.
- Hydraulic Structures.
- PSC Structures.

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HPPSC Electrical Engineering Syllabus for Assistant Engineer

- Switchgear & protection (MC/LV) & LT Switchgear design and testing etc
- Distribution HT/LT Line parameters
- Present Power Sector scenario in India and other Electrical Engineering topics etc
- Performance of line fault analysis
- Measurement of Electrical Power
- Functions of capacitors & reactors
- Low Voltage constraint & resolving thereof
- Non-conventional Energy sources like Wind, Solar, Biomass, etc
- Power Engineering
- Distribution Network Installation & load studies
- Analysis of Dist. Transformers, Meters & Testing

HPPSC AE Mechanical Engineering Syllabus

- Hydraulics machinery
- Machine Design
- Industrial engineering
- Management
- Thermal engineering
- engineering materials
- Hydraulics
- Manufacturing Technology
- Engineering mechanics and strength of materials

HPPSC Assistant Engineer Information Technology Syllabus

- Introduction to Information Technology
- Programming and Data Structures
- Design and Implementation
- Operating Systems
- Computer Communication Network
- Network Programming
- Software Engineering
- Computer Organization and Architecture
- Information Systems
- Database Management Systems

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- Object-oriented Analysis and Design
- Artificial Intelligence and Applications