

BPSC AE Syllabus | Check Bihar PSC Assistant Engineer (Civil, Electrical) Exam Pattern @ bpsc.bih.nic.in

BPSC Assistant Engineer Civil Exam Pattern

Subject	Part	Marks	Nature	Duration
General English	–	100	Objective	3 Hours
Hindi	–	100		
General Studies	–	100		
General Engineering Science	I	100	Objective	1 Hour
	II	100	Subjective	2 Hours
Civil Engineering – 1	I	100	Objective	1 Hour
	II	100	Subjective	2 Hours
Civil Engineering – 2	I	100	Objective	1 Hour
	II	100	Subjective	2 Hours
Interview			100	
Total Marks			1000	

BPSC Assistant Engineer Electrical Exam Pattern

Subject	Part	Marks	Nature	Duration
General English	–	100	Objective	3 Hours
Hindi	–	100		
General Studies	–	100		
General Engineering Science	I	100	Objective	1 Hour
	II	100	Subjective	2 Hours
Electrical Engineering – 1	I	100	Objective	1 Hour
	II	100	Subjective	2 Hours
Electrical Engineering – 2	I	100	Objective	1 Hour
	II	100	Subjective	2 Hours
Interview			100	
Total Marks			1000	

BPSC AE Syllabus

General English/ Hindi

- Idioms and Phrases.
- Precise Writing.
- Cloze test.
- Comprehension.
- Fill in the blanks etc.
- Vocabulary.
- Grammar.
- Usage of Words.
- Indirect and Direct Speech.
- Parts of Speech.
- Translation of Sentences.

General Studies

- Indian Economy.
- Science & Technology.
- Environmental Issues etc.
- Current Affairs – National & International.
- Indian Geography.
- Indian Polity.
- History – India & World.
- Indian Constitution.

Civil Engineering

Paper I

- Engineering Economy & Management.
- Engineering Materials & Constructions.
- Energy Conversion.
- Transport Phenomenon.
- Elementary Engineering.
- Environmental Engineering.
- Engineering Electrical.
- Surveying & Measurement.
- Electrical of Solids.

Paper II

- Open Channel Flow.
- Hydraulic Engineering.
- Transportation Engineering.
- Public Health Engineering.
- Structural Analysis.
- The Design of Hydraulic Structure.
- Soil Electrical & Foundations.
- Hydrology & Water Resources.
- Structural Design.

Electrical Engineering

Paper I

- Refrigeration.
- Fluid Electrical.
- Air Conditioning.
- Heat Exchangers.
- Hydrodynamics Power Transmission.
- Thermodynamics.
- I.C Engines.
- Heat Transfer.
- Turbines & Governing.
- Compressors.
- Gas turbine Cycle.
- Steam Boilers.

Paper II

- The Strength of Materials.
- Production Engineering.
- Industrial Engineering.
- Theory of Machines.
- Engineering Materials.
- Machine Design.