

APSC JE, Plant Manager, FDO Exam Pattern

Subject Names	Marks	Duration
General Studies	200	2 Hours
Engineering Discipline (Civil/ Electrical/ Mechanical)	100	1 Hour 30 Minutes
Total	300 Marks	3 Hours 30 Minutes
Exam Type: Objective Type		

APSC JE, Plant Manager, FDO Syllabus - Subject Wise

APSC Junior Engineer General Studies Syllabus

- Current Events of National & International importance.
- History of India & History of Assam.
- World Geography including India & Assam.
- Indian Economy, Indian National Movement.
- Mental Ability.
- Role and Impact of Science and Technology in India.
- Indian Polity, Political System in India.
- Indian Culture.

APSC Plant Manager Engineering Discipline Syllabus

Civil Engineering

- Estimating.
- Water supply Engineering.
- Sanitary Engineering.

Assam Public Service Commission



- Structural Design & Detailing (Steel).
- Industrial Management & Entrepreneurship.
- Computer-Aided Design.
- Geo-Technical Engineering.
- Advance Building construction & Earthquake Engineering.
- Surveying.
- Structural Design & Detailing (RCC).
- Transportation Engineering (Roads & Bridges).
- Rural Engineering & Low-Cost Housing & Latrines.
- Constructional Management.

Electrical Engineering

- Principle of Electrical Engineering
- Electrical Measuring and Measuring Instruments
- Electrical Machines
- Electrical Engineering Materials
- Power & Digital Electronics
- Electrical Drawing and Design
- <https://www.freshersnow.com/syllabus/>
- Electrical Power Systems and AC Power Utilisation
- Switchgear and Protection
- Installation and Maintenance of Electrical Equipments
- Computer Application and Programming
- Non-Conventional Energy

Mechanical Engineering

- Basic Thermodynamics
- Heat Engines
- Theory of Machines
- Fluid Mechanics
- Manufacturing Technology
- Strength of Materials
- Power Plant Engineering