

## **UP Irrigation Department Junior Engineer Syllabus**

### **UP JE Syllabus for General Intelligence**

- Analogies.
- Differences.
- Similarities.
- Problem-solving.
- Space visualization.
- Judgement.
- Analysis.
- Visual memory.
- Decision making.
- Observation.
- Discrimination.
- Arithmetical reasoning.
- Relationship concepts.
- Arithmetical number series.
- Verbal and figure classification etc.

### **UP Irrigation Dept JE Syllabus for General Awareness**

- Current Events - National & International.
- Indian History.
- Indian Culture & Heritage.
- Indian Polity.
- Indian Constitution.
- Indian Geography.
- Indian Economy.
- Science & Technology.
- IT & Space etc.

### **UP AE Syllabus for Civil - 2016**

- Building Materials.
- Surveying.
- Engineering Mechanics.
- Soil Mechanics.
- Hydraulics.
- Environmental Engineering.
- Quantity Surveying
- of Structures.
- Irrigation Engineering.

- Transportation Engineering etc.

## **UP Assistant Engineer Syllabus for Electrical**

- Basics of Electrical Engineering.
- Electrical Machines.
- Power Systems.
- Power Electronics & Drives.
- Control Systems.
- Utilization of Electrical Energy.
- Analog & Digital Circuits etc.

## **Uttar Pradesh Junior Engineer Syllabus for Mechanical**

- Fluid Mechanics
- Thermodynamics
- Heat Engines.
- Automobile Engineering.
- Manufacturing Technology.
- of Materials.
- Theory of Machines.
- Structural Engineering.
- Hydraulics.
- Industrial Engineering & Management etc.