

# ASSAM PUBLIC SERVICE COMMISSION

\*\*\*

## **JUNIOR ENGINEER (ELECTRICAL)**

### **SYLLABUS** **(Diploma Course Standard)**

Syllabus for Screening Test for Recruitment to the post of *Junior Engineer (Electrical)* under Irrigation Department of Govt. of Assam. The Educational Qualification is Diploma in Electrical Engineering.

#### **General Studies:**

**Full Marks** : 100 Marks

Multiple Choice Objective Type Questions.

**Time** : 2:00 hours

- (i) Current Events of National & International Importance.
- (ii) History of India & History of Assam
- (iii) Physical & Political Geography
- (iv) Indian Economy, Indian National Movement.
- (v) Mental Ability
- (vi) Role and Impact of Science and Technology of India.
- (vii) Indian Polity, Political System in India.
- (viii) Indian Culture & Literature.

#### **ENGINEERING DISCIPLINE:**

**Full Marks** : 100 Marks

(a) Multiple Choice Objective Type Questions

**Time** : 2:00 hours

#### **Electrical Engineering**

1. Principle of Electrical Engineering
2. Electrical Measuring and Measuring Instruments
3. Electrical Machines
4. Electrical Engineering Materials
5. Power & Digital Electronics
6. Electrical Drawing and Design
7. Electrical Power Systems and AC Power Utilisation
8. Switchgear and Protection
9. Installation and Maintenance of Electrical Equipments
10. Computer Application and Programming
11. Non Conventional Energy

\*\*\*