

ASSAM PUBLIC SERVICE COMMISSION

JUNIOR ENGINEER (MECHANICAL)

SYLLABUS **(Diploma Course Standard)**

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

(b) Mechanical Engineering

- i. Basic Thermodynamics
- ii. Heat Engines
- iii. Theory of Machines
- iv. Fluid Mechanics
- v. Manufacturing Technology
- vi. Strength of Materials
- vii. Power Plant Engineering
