

IES/ESE SYLLABUS

GENERAL STUDIES AND ENGINEERING APTITUDE

(COMMON TO ALL BRANCH)

Preliminary/Stage-I Examination (Objective Type Papers 200 M 2Hrs) :

The questions from the following Topics will be set in Paper-I of Stage-I

- Current issues of national and international importance relating to social, Economic and industrial development.
- Engineering Aptitude covering Logical reasoning and Analytical ability.
- Engineering Mathematics and Numerical Analysis.
- General Principles of Design, Drawing, Importance of Safety.
- Standards and Quality practices in production, construction, Maintenance and services.
- Basics of Energy and Environment: Conservation, environmental pollution and degradation, Climate Change, Environmental impact assessment.
- Basics of Project Management.
- Basics of Material Science and Engineering.
- Information and Communication Technologies (ICT) based tools and their applications in Engineering such as networking, e-governance and technology based education.

Note: The paper in General Studies and Engineering Aptitude will include Knowledge of relevant topics as may be expected from an engineering graduate, without special study.