

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE – RAIGAD - 402 103
Summer Semester Examination, May 2018**

Branch: M. Tech. (Electrical Power System)

Semester: II

**Subject with Subject Code: Energy Management & Auditing
[MTEPS205-C]**

Marks: 60

Date: 23 / 05 / 2018

Time: 3 Hrs.

Instructions to Candidates:

1. Attempt any **five** questions from the given questionnaire.
2. Each question carries **twelve (12)** marks.
3. Neat diagram must be drawn wherever necessary.
4. Figure to right indicate full marks.
5. Assume suitable data if necessary.
6. Use of non-programmable calculator is allowed.

- Q.1** Write a short note on: (12)
i) Energy monitoring
ii) Energy targeting
iii) Energy Reporting
- Q.2** Discuss different phase of energy audit methodology. (12)
- Q.3** Explain all possible energy conservation measure possible in lighting system. (12)
- Q.4** Explain different aspect of load management with respect to energy efficiency. (12)
- Q.5** Write note on: (12)
i) Multitasking solid state meter in energy management
ii) Importance of meter location and requirement
- Q.6** Explain various type of light sources & also discuss about performance characteristics. (12)
