

## EME TEST

Chapters- Energy resources, Thermodynamics, Steam and Boilers

Faculty – Anurag V Srivastava

Instruction – All questions are mandatory

Time- 40 mins

1. What is Biomass? How it is produced?
2. With diagram, explain Nuclear power production?
3. With diagram, explain parabolic reflector?
4. With diagram, explain parabolic solar heater?
5. With diagram explain T-H diagram for steam?
6. Write 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> law of thermodynamics
7. Write about Boiler mounting and accessories?
8. What are the diff between water tube and fire tube boilers?