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Roll No

MMTP-302(B)

M.E./M.Tech., III Semester

Examination, November 2018

Non Conventional Energy Sources

(Elective-II)

Time : Three Hours

Maximum Marks: 70

- Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Write a short note on conventional sources of commercial energy, How time is estimated for the life of conventional source of energy?
2. a) Discuss concept of thermal storage.
b) How solar energy is utilised for photo thermal application?
3. a) Discuss types of wind mills.
b) Explain ocean thermal energy conversion principle.
4. a) How Bio mass is used as energy generation sources?
b) How Biogas is generated and enlist its application?
5. a) What is Fission and fusion technology?
b) Discuss the working of a breeder reactors.

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6. a) How Geothermal energy is used for power generatic
b) What is MHD power?
7. a) Explain Monod equation.
b) How bio chemical energy can be used for Po generation?
8. Write short notes on the following:
a) Kinetic and Michaelis Menten equation
b) Fuel cells
c) Production of fuel from agricultural and animal was
d) Tidal and wave energy option

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