Roll No:…………………….………

RAJASTHAN INSTITUTE OF ENGINEERING & TECHNOLOGY

B. Tech. IV Year VII Semester (EE & EEE)

**SUB-** Non-Conventional Energy Sources

I Mid-Term Exam 2018-19

Time: 2:00 hours **SET-A** Max. Marks: 20

All questions are compulsory.

Q.1 Explain the Global Energy Scenario.

OR

Q.1 what is difference between Conventional and Non-Conventional Source of Energy? Explain

Q.2 what are the Advantage and Limitation of the Renewable Energy Sources?

OR

Q.2 what is the Advantage and Limitations of TIDAL POWER? Explain

Q.3 what are the Various Methods of Tidal power generation? Explain

OR

Q.3 Explain the Mathematical calculation of TIDAL Power Generation.

Q.4 Write the name of the Instruments used to measure Solar Radiation? Explain the Pyrheliometer Instrument using the Diagram.

OR

Q.4 Write short note on Latitude and Hour angle.