



REGISTRATION NUMBER

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SRINIX COLLEGE OF ENGINEERING

2ND INTERNAL EXAMINATION-2018-19

Subject-GT

Semester-6TH

Branch-ALL

Full Mark-50

Time-2.00Hrs

ANSWER ALL QUESTIONS (PART-A)

[2X10=20]

1. What are the various energy sources available at present?
2. What is a coal gas?
3. Explain how fossil fuels used as a source of energy?
4. What is solid waste disposal system?
5. How we can identify a windy site?
6. What is LPG?
7. What are the demerits and pre-requirements one has to submit before setting up a wind energy power plant?
8. What are the measures to be taken for a green city?
9. Explain Sahara CSP project?
10. Explain satellite based solar power system?

ANSWER ANY THREE QUESTIONS (PART-B)

[6X3=18]

1. Explain how we can get energy from agricultural biomass and community waste?
2. Explain how India needs a mix of green and traditional power source?
3. Explain the miscellaneous sources of carbon emissions?
4. Explain Nuclear energy?

ANSWER ANY ONE QUESTION (PART-C)

[12X1=12]

1. Explain green technologies needing some prior R&D works? (Shale, Wave, Geothermal energy)
2. Explain how we can reduce carbon emission at personal level?

-----ALL THE BEST-----