

Bankim Sardar College
Internal Examination 2020

Semester 4

Subject : Physics(H)

Paper: SEC B

Group A

Answer all questions

10x1=10

1. What are fossil fuels?
2. What is nuclear Energy?
3. What is tidal energy?
4. What is solar energy?
5. What is biomass?
6. What do you mean by greenhouse effect?
7. What is a solar pond?
8. What is the source of Ocean energy?
9. Name a common use of piezoelectric effect.
10. What is wind energy?

Group B

Answer all questions

3x10=30

1. What are the limitations of fossil fuels? How can we overcome these limitations?
2. Write a note on biogas plant.
3. What is a photovoltaic module?

Group C

Answer all questions

5x10=50

4. Draw a schematic diagram of a wind turbine and explain its action.
5. How is hydro energy extracted?
6. What is geothermal energy and where it is used?
7. What is piezoelectricity?
8. What do mean by electromagnetic energy harvesting?