

# UDAYANARAYANPUR MADHABILATA MAHAVIDYALAYA

(AFFILIATED TO UNIVERISTY OF CALCUTTA )

B.SC – IV – SEM EXAM – 2020 (CBCS)

SUB - PHYSICS (GENERAL) . PAPER – SEC(B) . FULL MARKS – 50 . TIME-2H

---

**Answer any five**

**5x10**

(1) What is renewable energy? Give four example of it. Write at least six advantage of it.

2+2+6

(2) what is fossil fuels ? "use of fossil fuel is harmful for nature" –explain.

Write at least four advantage of nuclear fuel.

2+4+4

(3) what is greenhouse effect? Write two example of greenhouse gas. How can we reduce the green house effect?

What problem are arise for defect in ozone layer?

2+2+4+2

(4) Write the uses of ocean energy. What is osmotic power? What is ocean bio-mass. Write the difficulties of using ocean thermal energy.

2+2+3+3

(5) what is the main substances of bio gas? Draw a outline diagram of bio-gas plant. Write the disadvantages of bio-gas project.

2+4+4

(6) what is disadvantages of nuclear power project. Give two example of nuclear power plant. Draw and explain the building mechanism of solar cell. What is solar pond.

2+2+4+2