

KATWA COLLEGE

DEPARTMENT OF PHYSICS

INTERNAL ASSESSMENT EXAMINATION-2020

SEMESTER-III : PAPER: - SEC-I

SUB: ENERGY RESOURCE AND ENERGY HARVESTING

F.M. = 10

1. Answer any five from the following: -

2x5 = 10

- (i) What do you mean by Solar constant and what is its unit in S.I. system?
- (ii) What are the constituents of biogas?
- (iii) Differentiate between renewable and non renewable energy sources with example.
- (iv) What is photo voltaic effect?
- (v) What is geothermal energy and what are its advantages?
- (vi) What are the different ways in which solar energy is utilized?
- (vii) What is direct and diffuse radiation?
- (viii) What are the limitations of wind energy?
