

SSIT POLYTECHNIC, KALAKAD, MAYURBHANJ
6th SEMESTER INTERNAL EXAMINATION 2023-2024 (SUMMER)

SUB: POWER STATION ENGINEERING
BRANCH: - MECHANICAL ENGG. / ME I I

FULLMARK-20

TIME-1 HOUR

1. Answer any five Questions.

2x5

- (a) Enumerate sources of energy?
- (b) Write about classification of draught?
- (c) Write about atomic number?
- (d) What is meant by nuclear fission?
- (e) What components are used in steam power plant layout?
- (f) What is nuclear reactor?

2. Answer any Two Questions.

5x2

- (a) Explain with a neat diagram the working of a rankine cycle?
- (b) Write the working principle of balanced draught system with neat diagram?
- (c) What are the components of nuclear power plants explain it briefly?