

SSIPOLYTECHNIC, KALAKAD, MAYURBHANJ
5th SEMESTER INTERNAL EXAMINATION 2023-2024 (WINTER)

SUB:- REFRIGERATION AND AIR CONDITIONING

BRANCH:- MECHANICAL ENGG. / I I

FULLMARK-20

TIME-1 HOUR

1. Answer any five Questions.

2x5

- (a) What is refrigeration?
- (b) Why condenser is used in refrigeration system?
- (c) Write the definition of close air system.
- (d) Write the function of analyzer.
- (e) Define coefficient of performance.
- (f) What is sub-cooling or under-cooling?

2. Answer any two Questions.

- (a) Explain vapour compression refrigeration system with neat diagram.
- (b) Explain briefly with a neat diagram the working of a practical vapour absorption system.
- (c) Write the difference between vapour absorption refrigeration system & vapour compression refrigeration system.