

SSIT POLYTECHNIC, KALAKAD, MAYURBHANJ

6th SEMESTER 1ST INTERNAL EXAMINATION 2023-2024 (SUMMER)

SUB- ADVANCE MANUFACTURING PROCESS

BRANCH-MECHANICAL/MECHANICAL (II)

FULLMARK-20

TIME: - 1 HOUR

1. Answer Any five from Question :

(5×2= 10)

- (a) Write down two advantages and two disadvantage of additive manufacturing process?
- (b) Define thermosetting plastic and thermoplastic material process?
- (c) Define traditional and non-traditional machining process?
- (d) Write down difference between conventional and non-conventional machining process?
- (e) Define Extrusion moulding process with diagram?
- (f) Define Casting and Calendring process with neat diagram?

2. Answer Any Two :

(2×5=10)

- a) Difference between Additive Manufacturing and Computer Numerical Control Machining process?

(Or)

Explain Transfer Moulding Process with detailed diagram?

- (b) Define Abrasive jet Machining process with working principle, application, advantages, and disadvantages along with neat diagram?

(Or)

Define Laser Beam Machining Process along with working principle, advantages, disadvantages, application with neat diagram?

BEST OF LUCK