

SSIT POLYTECHNIC, KALAKAD, MAYURBHANJ

6TH SEMESTER 1ST INTERNAL EXAMINATION 2023-2024

SUB- SGPD

BRANCH – EE & EE(I&C)

FULL MARK -20

TIME – 1 HOUR

(2*5= 10)

1. Answer all question –

- (a) Write the symbol of CT & PT .
- (b) What is Circuit breaker & Types of Circuit Breaker ?
- (c) A fuse is a Device.
- (d) When a switch opened is produced.
- (e) A fuse wire of circular cross section has a radius of 0.8mm . The wire blows off at a current of 8A . Calculate the radius of the wire that will blow off at a current of 1A.

2. Answer all. .

(5*2= 10)

- (a) Difference between a Fuse and Circuit Breaker .
- (b) Explain SF6 Circuit Breaker With neat Diagram.