

SSIT POLYTECHNIC, KALAKAD, MAYURBHANJ

6TH SEMESTER 1ST INTERNAL EXAMINATION 2024-2025

SUB- CONTROL SYSTEM

BRANCH – EE

FULL MARK -20

TIME – 1 HOUR

1. Answer all question –

(2*5= 10)

(a) What is control system .

(b) Define open loop control system .

(c) What is Signal flow graph .

(d) Write Mason's Gain formula.

(e) Difference between open loop & close loop system.

2. Answer all .

(5*2= 10)

(a) Explain the Time Response Analysis?

(b) Write down the Open Loop & Close Loop Control system & Draw the Diagram?