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Roll No





Q.7 A unity feedback system has open loop transfer function $G(s) = \frac{50}{(s+1)(s+2)}$. Sketch Nyquist plot for the system and comment upon the closed loop stability of the system. (5)

- Q.8 Write short note on <u>any two</u> of the following:
- (i) Synchro transmitter-receiver pair (ii) A.C. Servomotor (iii) Stepper motor (iv) Potentiometer (v) PID controller (5+5=10)