Q1. Pipeline improve CPU performance in ________

Q2. 8255 IC receive a rset signal ________

Q3. Transfer function is defined as ________

Q4. Transfer function of $\frac{1000}{(1+0.1s)(1+0.01s)}$ is ________

Q5. He-Ne laser is a ________ level system

Q6. Largest layer of PIN diode is ________.

Q7. Belt weighting system is a ________

Q8. Two port network is reciprocal if and only if ________
Q9. Open loop transfer function of \( G(s) = \frac{3 (s+2)}{s^2(s+4)} \)?

Q10. Signal is periodic if and only if ------.

Q11. Guided mode, the normalized propagation lies between ________

Q12. A real valued signal \( X(n) \) is called symmetric if ________

Q13. Pressurization type another name ________

Q14. Feed back relay it is a/an ________

Q15. Software linearization is best for ________

Q16. Settling time of second outer system ________
Q17. Charge amplifier is used in _______

Q18. System has a single pole at origin its impulse response will be _______

Q19. Quality factor parallel LR circuit___________

Q20. CMP instruction in 8085 microprocessor _______

Q21. A machine cycle refer to _______

Q22. Fast process likes flow control in _______

Q23. PSW reg. in 8085 microprocessor is _______

Q24. Illegal 8086 instruction _______
Q25. 8051 on chip RAM is ________

Q26. What are the different types of capacitors?

Q27. What is the minimum number of lines required for communication using RS 232?

Q28. What is the full form of TTL and CMOS?

Q29. Which is a good conductor?

Q30. Definition of turing machine.