Jindal Steel And Power Technical Test Paper Questions

Q1. What is Micro controller?

Q2. In which industry, micro controllers are widely used?

Q3. Through which signal does micro processor communicate with memory?

Q4. How many timers are there in 8051?

Q5. What are the program devices used with 8051?

Q6. How do you go from time domain to frequency domain?

Q7. Difference between TRIAC and SCR.

Q8. Which is the most commonly used non-impulse type of pump?

Q9. What is TRIAC?

Q10. What is thyristor?

Q11. Why is equalizing circuit used in series with SCR?

Q12. How much memory can be addressed by 12 address lines?

Q13. Which technique is used for optimization in OR?

Q14. Given G(s)H(s), calculate the type of system.

Q15. Given open loop Transfer Function for unity feedback, calculate the damping ratio.

Q16. Calculate the input and output impedance of instrumentation amplifier.

Q17. State the Nyquist-Shannon theorem.

Q18. What are the procedures for sampling of a signal?

Q19. What is LPP?

Q20. What deals with reducing waiting time?

ANS: Queuing theory.