

Jindal Steel And Power Technical Questions

Q1. Which of the following modes do not exist in wave guides?

- a) TE₁
- b) TM₁
- c) TEM₁

Q2. Which type of steel is used in railway line?

- a) carbon steel
- b) mild steel

Q3. What is the optimum humidity to be provided by an Air Conditioner?

Q4. Which oscillator is stable?

Q5. Sampling theorem is used in what?

- a) AM
- b) FM
- c) PCM
- d) AM & FM

Q6. What are the values of damping factor for critically damped, under damped, over damped systems?

Q7. Which of the following elements is used for making P-type semiconductor material from intrinsic semiconductor?

- a) Phosphorous
- b) Boron
- c) Gallium
- d) Gallium Arsenide

Q8. Which damping condition is normally used?

Q9. What is the band gap of germanium?

Q10. What is the modulation index of AM, FM, PM?

Q11. What is the band used to send the AM signals?

- a) HF
- b) VHF
- c) SHF
- d) UHF

Q12. The intermediate frequency of AM signal is ----.

Q13. Red +green gives which colour?

Q14. What is the weight of 1 cubic meter air?

Q15. What are called Twins ores?

Q16. Which is the hard iron ore?

Q17. Sound is high in which material?

Q18. 1 ton is equal to ----.

Q19. What is the power of the SSB signal of AM for given modulation index?