

Tata Motors Technical Interview Questions

- Q1.** What change can be observed in the combustion chamber when there is detonation?
- Q2.** What is heat treatment and list various heat treatment techniques? Why heat treatment?
- Q3.** Difference between different types of heat treatment?
- Q4.** Name any few Engine materials used.
- Q5.** What are Piston materials?
- Q6.** Role of metallurgist in automobile sector?
- Q7.** What is powder metallurgy?
- Q8.** How are different parts of a vehicle manufactured?
- Q9.** What are the surface hardening techniques?
- Q10.** How is porosity controlled in parts manufactured by powder metallurgy techniques and uses of high porous parts?
- Q11.** What is the difference between positive Displacement Pump and Rotor Dynamics Pump?
- Q12.** In refrigerators only things that are kept in freezers freeze, but the freezing process does not take place elsewhere in the refrigerators, why?
- Q13.** If in a refrigerator a particular wire is cut open, then where would gas come out and where would the liquid flow out from?
- Q14.** If the door of the refrigerator, which is kept in a room, is opened then would the room get cooled or heated?
- Q15.** What is the acceptable insulation resistance for motor/transformer?

Q16. What is the meaning of glanding?

Q17. Name the types of law of evaporation.

Q18. In 1000 KVA Transformer, why does we connect HT with delta connection and LT with star connection?

Q19. What is the relation between voltage and F in capacitor?

Q20. What is the use of conservator in a transformer?