Applied Materials Placement Paper Questions

Q1. What is the importance of the Thermodynamics in the field of Mechanical Engineering?

Q2. What is crosstalk?

Q3. What is Bit manipulation?

Q4. What is bending moment?

Q5. Design a table for an electrician weighing 100 kg, who will use it ten times a day and the table should last for 10 years.

Q6. How do you determine where to provide a dimension from for a given set of features, eg: screw holes?

Q7. What is process optimisation? Give an example.

Q8. What is TCSM?

Q9. What are compilers?

Q10. How to detect big/little endian and how to convert values to and from each?

Q11. What is the maximum number of satellite hops allowed in voice communication?

Q12. What is Carnot engine?

Q13. What is the need of CPG message in ISUP protocol?

Q14. How to add external libraries to cpp projects?

Q15. What are callstacks?

Q16. What are the different BSD and SVR4 communication mechanisms?

Q17. Which has more efficiency: Diesel engine or Petrol engine?

Q18. What is the nominal voltage required in subscriber loop connected to local exchange?

Q19. How many satellites are required to cover the earth?

Q20. What is the heat rate of a power plant?