



10. In the Melde's experiment, what types of waves are produced in the string ?
11. State the three Laws of Vibration of a stretched string ?
12. On which principle Carey-Foster Bridge works ? How it is more useful than a meter bridge ?
13. If specific resistance of a copper rod and a copper wire are determined would it be equal ? What about their resistances ?
14. Why is it not possible to get a perfect balance in De Sauty's bridge ?
15. On what factors does the self inductance of a coil depend ?
16. Why one places the scale at one meter from the mirror of the ballistic galvanometer ?
17. Distinguish between a "dead beat" and "ballistic galvanometer" ?
18. Define critical damping resistance for a B.G.
19. Name the various types of capacitors used in laboratory.
20. Why L is kept greater than CRQ in Anderson bridge ? (Symbols have their usual meaning)
21. State Faradays Laws of electro magnetic induction.
22. On what factor does the mutual inductance of the two coils depend ?
23. State the difference between an impedance and reactance in an a.c circuit containing L, C and R in series.
24. What is the relation of current and impedance in a series LCR circuit and parallel LCR circuit ?
25. What do you understand by bandwidth in a series LCR circuit ?