



ii) How can moisture be measured in a wooden piece? (6)

24. a) i) Brief on the different standards used in temperature measurement. (10)

ii) Explain 4 lead RTDs with neat sketch. (4)

**(OR)**

b) i) With a sketch, explain the construction and working principle of Bimetallic thermometers. (10)

ii) List the sources of errors in filled in systems type thermometer. (4)

25. a) Explain the working principle of thermocouple with a neat sketch, Also brief cold junction compensation for thermocouple.

**(OR)**

b) Explain any two types of Radiation pyrometers with neat sketch.

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