

### Home Assignment – 1

Due date: 27/03/2015 (A Section) and 03/04/2015 (B Section)

#### **Instructions**

1. Use of a clean and decent A4 Sheet is recommended and use of record sheet provided by the department is not recommended.
2. Use of scale and pencil for drawing diagrams is highly recommended
3. Late submission after the due date will not be entertained.

#### **Questions**

1. One of the greatest advantages of radiation–temperature measuring device is that it can be used to measure the temperature of the body without any physical contact. Can you state the principles employed in such type of instruments.
  2. Classify the radiation-temperature measuring devices.
  3. Write the constructional features and the working of “Photo electric”, “Optical” and “Infra red” pyrometers with a neat diagram.
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