

## Sub: Physics Assignment-4

### A. Answer the following questions.

1. What is the name of the thermometer which has a temperature range (a) from  $-10^{\circ}\text{C}$  to  $110^{\circ}\text{C}$   
(b) from  $35^{\circ}\text{C}$  to  $42^{\circ}\text{C}$
2. When does the flow of heat from a hot object to cold object stop?
3. State the method by which heat is transferred (a) from the sun to the earth (b) from a man's hand when placed on a cold iron vessel (c) from the bottom of a hot liquid to its upper cooler parts.
4. Which of the following is a better reflector of heat and which one is a better absorber of heat?  
(a) Shiny white surface (b) Dull black surface
5. What is the function of 'kink' in a clinical thermometer?

### B. Match the following:

#### Column A

1. Temperature
2. Conduction
3. Mica
4. Land hot, Sea cooler
5. Bright and shiny

#### Column B

- (a) Solids
- (b) Insulator
- (c) Thermometer
- (d) Poor heat absorbers
- (e) Sea breeze