

SARALA BIRLA PUBLIC SCHOOL

Birla Knowledge City, Mahilong, Ranchi
CLASS-VII (2020-21)

Sub: Physics Assignment-3

A. Answer the following questions.

1. Describe construction and working of a clinical thermometer .Why does not a clinical thermometer contain markings above 42°C ?
2. Write two similarities and three differences between clinical thermometer and laboratory thermometer.
3. Why are ventilators provided near the ceiling of a room?
4. Describe the blowing of sea- breeze and land- breeze in coastal areas with the help of labeled diagrams.
5. Mention one difference between the transfer of heat by conduction and that by convection.

B. Fill in the blanks.

- i) In solids, heat is transferred by
- ii) Air is a conductor of heat whereas copper is a conductor of heat.
- iii) Temperature of boiling water cannot be measured by a thermometer.
- iv) No medium is required for the transfer of heat by the process of