

Heat class 7 test paper

Very Short answer type question

Question 1 Define Radiation.

Question 2 Distinguish between Heat and Temperature.

Question 3 Why mercury is preferred as thermometric liquid in making thermometers?

Question 4 why is alcohol preferred as thermometric liquid in making thermometers?

Question 5 what do you understand by lower fixed point? Define upper fixed point.

Question 6 What are the different modes of transfer of heat?

Question 7 What are the scales commonly used to measure temperature?

Question 8 What happens to radiant heat when it falls on body?

Question 9 Give two differences between clinical thermometer and laboratory thermometer.

Short answer type question

Question 10 In what way is conduction different from convection?

Question 11 What is convection? Does it need any medium for transfer of heat?

Question 12 Why do heating coils of a room heater have a shining covered metal surface?

Question 13 State two applications of convection currents.

Question 14 Why do woollen clothes keep us warmer than cotton clothes?

Question 15 Give reason why handles of cooking utensils are made up of wood or ebonite

Question 16 What is the temperature of a healthy human body?

Question 17 Give two application of Radiation.

Question 18 A clinical thermometers cannot be used to measure temperature of boiling water.

why?

Question 19 List two important conditions required for conduction of heat.

Question 20 What are Good and Bad Conductors of heat?