



NURTURE INTERNATIONAL SCHOOL
(Affiliated to CISCE, New Delhi)
WORKSHEET (Tier-2)

Name: _____

Class: VIII

Date: _____

Subject: Physics

Ques1- what is heat capacity?

Ques2-The heat capacity of a metal rod at 20C is 300j / What would be it's temperature?

Ques3-Draw a graph of different forms of heat ?

Ques4- what is 1 calorie ?

Ques5- what is specific heat write it's unit?

Ques2- Fill in the blanks:

1. _____ is unit of heat .

2. _____ and _____ have low specific heat.

3.1 calorie = _____

4.Ethyl alcohol melts at _____

5.The zig -zag movement of molecules is called _____.

Ques3.Define terms :

1. Melting point 2. Boiling point 3. Evaporation 4. condensation 5.sublimation

Ques4. Solve numerical .

1. An aluminium vessel weight 200 gram calculates the heat capacity of the vessel if the specific heat of Aluminium is 900 joule per kg degree centigrade?

2. A Block of block of iron of mass 5 kg at 25 degree for supplied with 90 kilo joule of heat what will be its temperature given specific heat capacity of iron is 15 per kg degree centigrade?



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REVISION SHEET (Tier-2)

Name: _____

Date: _____

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Ques1. Two bodies at a different temperature at place in contact state the direction in which heat will flow?

Ques2. Name the SI unit of heat and how is it related to the unit calorie?

Ques3. What is the unit of heat?

Ques4. What is the difference between heat and temperature?

Ques5. Substance which contract on heating?

Ques6. Fill in the blanks.

1. _____ is the unit of temperature.
2. Heat is the form of _____
3. The expansion of substance on heating is called the _____.
4. 1 Joule is = _____ erg
5. The SI Unit of heat is _____