



- Q.6 Fill in the blanks to make the following statements true.
- $(-5) + (-8) = (-8) + (\_)$
  - $-53 + \_\_\_\_\_\_ = -53$
  - $(-4) + [15 + (-3)] = [-4+15] + \_\_\_\_\_\_$
- Q.7 Using suitable property evaluate the following
- $8 \times 53 \times (-125)$
  - $26 \times (-48) + (-48) \times (-36)$
  - $15 \times (-25) \times (-4) \times (-10)$
- Q.8 Find each of the following products:
- $3 \times (-1)$
  - $(-6) \times (-5)$
  - $(-9) \times (-2) \times (-3)$
  - $(-4) \times (-6) \times (-10) \times 0$
- Q.9 Replace the blank with an integer to make it a true statement.
- $(-3) \times \_\_\_\_\_\_ = 27$
  - $5 \times \_\_\_\_\_\_ = -35$
  - $\_\_\_\_\_\_ \times (-12)$
  - $\_\_\_\_\_\_ \times (-8) = -56$
- Q.10 In a class test containing 10 questions, 5 marks are awarded for every correct answer and (-2) marks are awarded for every incorrect answer and 0 for question not attempted.
- Mohan gets four correct and six incorrect answers. What is his score?
  - Reshma gets five correct answers and five incorrect answer, what is her score?

Subject: Social Science  
GEOGRAPHY

- Q.1 Define the following terms.
- Biosphere
  - Hydrosphere
  - Atmosphere
  - Lithosphere
  - Ecosystem
- Q.2 Differentiate between Natural and Human environment.

- Q.3 Why should we protect our environment?
- Q.4 The earth is called a unique planet? Give reason.
- Q.5 How the human beings become an important component of the environment?
- Q.6 Man modifies his environment. Give 3(three) reasons.
- Q.7 Prepare a chart of the 'Components of Environment'. (Project Work).

(HISTORY)

- Q.1 Define the following terms:
  - a) Manuscripts
  - b) Historians
  - c) Cartographer
  - d) Khalifa
  - e) Archive
- Q.2 Who was considered a foreigner in the past?
- Q.3 What does the term Pan-regional empire meant?
- Q.4 How do Historians divide the Past into periods?
- Q.5 What are the difficulties historians face in using manuscripts?
- Q.6 What were some of the major religion's developments during Medieval period?

Subject: Science (Biology)

- Q.1 Draw the label diagram of the following.
  - a) Human Digestive System (Refer Fig. 2.2 of page 12)
  - b) Human Excretory System (Refer Fig. 11.6 of page 126)
  - c) Sections of Human Heart (Refer Fig. 11.4 of page 124)
- Q.2 Find out about artificial respiration. If necessary, ask the doctor or you may use information from google or internet.  
N.B [To be done on A4 papers]

# SLOPELAND PUBLIC SCHOOL

## Home Assignment

### Class VII Physics

#### Chapter 4 - Heat

- Q1. What is temperature? By which device is it measured?
- Q2. Write the difference between clinical thermometer and laboratory thermometer.
- Q3. What is the normal temperature of human body?
- Q4. What do you mean by conduction?
- Q5. What are conductors and insulators? Give examples.
- Q6. What do you mean by the term convection?
- Q7. What is sea breeze?
- Q8. What is land breeze?
- Q9. Draw a neat and colorful diagram of sea breeze and land breeze given in figure 4.11 page 43.
- Q10. Fill in the blanks:  
The hotness of an object is determined by its .....  
Temperature of boiling water cannot be measured by a .....  
thermometer.  
Temperature is measured in degree .....  
No medium is required for transfer of heat by the process of  
.....  
A cold steel spoon is dipped in a cup of hot milk. Heat is transferred to  
is other end by the process of .....  
Clothes of ..... Colours absorb more heat better than  
clothes of light colours.
- Q11. Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.
- Q12. In places of hot climate, it is advised that the outer walls of houses be painted white. Explain.
- Q13. One litre of water at 30 degree Celsius is mixed with one litre of water at 50 degree Celsius. The temperature of the mixture will be  
A) 80 degree Celsius  
B) more than 50 degree Celsius but less than 80 degree Celsius  
C) 20 degree Celsius  
D) between 30 degree and 50 degree Celsius
- Q14. An iron ball at 40 degree Celsius is dropped in a mug containing water at 40 degree Celsius. The heat will flow from iron ball to water Not flow from iron ball to water or from water to iron ball. Flow from water to iron ball Increase the temperature of both.

- Q15. A wooden spoon is dipped in a cup of ice cream. Its other end becomes cold by the process of conduction.  
Becomes cold by the process of convection  
Becomes cold by the process of radiation  
Does not become cold.
- Q16. Stainless steel pans are usually provided with copper bottoms. The reason for this could be that copper bottom makes the pan more durable Such pans appear colourful.  
Copper is better conductor of heat than the stainless steel  
Copper is easier to clean than the stainless steel.

**SUMMER VACATION ASSIGNMENT  
COMPUTER SCIENCE  
CLASS-VII**

**Chapter 1 – Computer Hardware Components**

**Q1 – What are software and hardware?**

**Q2 – What are the internal hardware and external hardware? Give two examples each.**

**Q3 – Explain the following**

- a) RAM
- b) Motherboard
- c) Monitor
- d) Mouse

**Q4 – Write the full form of the following:**

- a) CD
- b) DVD
- c) MICR

**Q5 – What is a modem?**

**Q6 – Write a short note on flash drive(pendrive).**