



Anand Niketan

Maninagar Campus

Grade : VI	Subject : SCIENCE	Section :
Date :	PRACTICE WORKSHEET	Empower-I : 80 marks
Syllabus: Ch. – 1,2,3,4,5,6,7,8,9	EMPOWER - I	PT-I written : 10 marks Sub. Enrichment : 5 marks Note Book Submission : 5 marks

Q – 1 Very Short Answer Questions.

- (1) Name two edible underground stems.
- (2) What is handloom?
- (3) Which method is used to separate chalk powder from water?
- (4) What type of change is melting of wax?
- (5) What is a physical change?
- (6) Define breathing.
- (7) What is male reproductive part of a flower called?
- (8) How many pairs of ribs together forms ribcage?
- (9) How many types of girdles are found in human body? Name them.
- (10) Which change that can be reversed occurs due to heating?
- (11) Which term is defined as “the extent to which a substance gets dissolved in a liquid”?

Q – 2 Short Answer Questions.

- (1) Differentiate translucent and opaque materials.
- (2) Write any two vitamin deficiency diseases and their symptoms.
- (3) From which parts of the plant are cotton and jute obtained?
- (4) What is the difference between filtrate and residue?
- (5) What is meant by respiration? Why is respiration essential for living organism?
- (6) What are fixed joints? Give example.

Q – 3 Practical Based Questions.

- (1) Manish is diagnosed with lack of iodine in his regular diet. Explain the importance of iodine in daily diet to him.
- (2) Imagine yourself with a vertebral column with a long single bone or with fixed joints. How will such a change affect your life?
- (3) What is the difference between making of food by leaves and making of food in the kitchen?
- (4) Are wheat grains stored in the gunny bags living? Why / Why not?
- (5) Why a gap is left between the rails in the railway tracks?
- (6) Can a farmer use a pedestal fan to do winnowing? Comment.
- (7) Why are the handles of cooking utensils made up of hard plastic or wood?
- (8) Mansi is planning to visit Jaipur and Jodhpur during her summer vacation. What should she keep with her – nylon leggings or cotton pants with kurtas? Why?
- (9) How will you test the presence of protein in milk?



Q – 4 Answer the following questions in Brief.

- (1) Explain causes and symptoms of marasmus.
- (2) How is cotton farming done in India?
- (3) What are the advantages of classification of objects?
- (4) Write the uses of filtration in every-day life.
- (5) Explain how heating or cooling of water brings changes to the state of matter.
- (6) What is respiration? Why is respiration essential for different organisms?
- (7) Write an activity to show that roots absorb water from plants.
- (8) What is skeleton? Explain its functions.
- (9) Define locomotion and write its importance.
- (10) List down the functions of root.
- (11) Differentiate between reticulate and parallel venation.

Q – 5 Long Answer Questions.

- (1) Explain the difference between natural fibres and synthetic fibres.
- (2) How can you find whether the material is lustrous or non-lustrous?
- (3) Explain any two methods of separation with proper examples.
- (4) Explain how different organisms carry out exchange of gases. Give one example for each.
- (5) What is the difference between tap root and fibrous root? Explain the relationship between types of roots and leaf venation.
- (6) Explain in brief the different types of movable joints in human body.
- (7) What are carnivores? Write their four special characteristics.