

ST. ARNOLD'S CENTRAL SCHOOL, PUNE.  
TERM -2 EXAMINATION, 2017-18  
SUBJECT -SCIENCE.

M.M: 30

(1x7=7)

STD: VI

1. Fill in the blanks.

- Hip joint is an example of \_\_\_\_\_ joint.
- The rotting and conversion of some materials into manure is called \_\_\_\_\_.
- Fish swims by forming \_\_\_\_\_ alternately on two sides of the body.
- Deficiency of iron leads to a disease called \_\_\_\_\_.
- Changes in our surroundings that make us respond to them are called \_\_\_\_\_.
- Motion of the needle of a sewing machine is \_\_\_\_\_.
- Rickets is a disease caused due to the deficiency of \_\_\_\_\_ in our body.

(1X7=7)

2. True or false.

- A pin hole camera contains lenses
- Hinge joint provides back and front movement
- A pendulum rotates in circular motion.
- The pelvic bones encloses the portion of our body below the stomach.
- The parade of soldiers is an example of rectilinear motion.
- Mountain plants produce smaller leaves to prevent water loss.
- 10 Millimeters is equal to 1 metre.

(1x8=8)

3. Give two examples.

- Biotic components.
- Non bio degradable waste.
- Modern devices which have magnet.
- Non luminous objects.

4. Match the following

(1/2x6=3)

A

- a. Fleshy stem
- b. Sugar
- c. Flexible stem
- d. Rubber
- e. Cobalt
- f. Starch

B

- i) simple carbohydrate
- ii) grassland plants
- iii) magnetic materials
- iv) complex carbohydrate
- v) cactus
- vi) non-magnetic material

5. Define the following.

(1x6=6)

- a. Circular motion
- b. Lateral inversion
- d. Closed circuit
- e. Luminous object

- c. Pivotal joint
- e. Chemical change

6. Differentiate between the following

(2x3=6)

- a. Image and shadow
- b. Constipation and dehydration
- c. Tap root and fibrous root.

7. Give reasons for the following

(2x4=8)

- a. Land fill is the method of maintaining huge amount of biodegradable waste.
- b. The handles of tools like screwdriver and plies used by electrician for repair work usually have plastic or rubber covers on them
- c. Deficiency diseases are different from other diseases.
- d. Burning of paper is a chemical change but tearing of paper is a physical change.

(2x6=12)

8. Short answer questions

- a. Explain how a magnetic compass helps sailors to find directions.
- b. Write a short note on conductors and insulators.

- c. What is the correct way of storing bar magnet and horse-shoe magnet?
- d. Boojho saw a florist using an arm to measure the length of a garland. Boojho told him that he is following a wrong method and that he should use the standard units to measure things. Explain why do we need standard units of measurement.
- e. Rohan was trying some experiments using electric circuits. His mother told him to follow certain safety rules while handling the electrical devices. Explain any three of these safety rules.
- f. Describe the movement of snakes.

(5x3=15)

**9. Answer in detail**

- a. Monica is diagnosed with Vitamin -C deficiency.
  - (i) Name the disease Monica is suffering from.
  - (ii) Write any two symptoms of that disease.
  - (iii) Name any two sources of Vitamin -C.
- b. With the help of a diagram explain how can we make our own torch light.
- c. We see lot of waste in our surroundings. As a responsible citizen how will you manage the non- biodegradable waste.

(2x4=8)

**10. Draw and lable the following.**

- a. An inside view of a torch.
- b. A compass.
- c. Reticulate venation and parallel venation.
- d. Inside view of a bulb.