

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

STD: IV

MM: 50

Q.1) Fill in the blanks. (5)

- a) _____ is used as an insulator to cover electric wires.
- b) Very thin fog is called _____.
- c) _____ is the method used by water filters to purify water .
- d) Food contains _____ energy .
- e) _____ is the process of cutting down of trees.

Q.2) Match the following. (5)

- | A | B |
|------------------------|-------------------------------------|
| a) Craters | i) Non – Renewable source of energy |
| b) Coal | ii) Insoluble impurities |
| c) Silos | iii) Surface of the moon |
| d) Frozen water vapour | iv) To store grains |
| e) Gravel | v) Snow |

Q.3) State whether the following statements are True or False. (5)

- a) Filtered water is unsafe for drinking.
- b) Land gets heated up faster than water.
- c) Terrace farming prevents erosion in the hill slopes.
- d) Lunar eclipse occurs on a new moon day.
- e) The energy we get from the sun is called solar energy.

Q.4) Define the following. (4)

- a) Matter.
- b) Weathering.
- c) Decantation.
- d) Energy.

Q.5) Write short note on . (6)

- a) Soil conservation.
- b) Sea breeze.
- c) Sedimentation.

Q.6) Answer the following .

(10)

- a) What is meant by irrigation?
- b) Why petroleum is considered as non – renewable source of energy?
- c) When does solar eclipse occur ?
- d) What is a solute ? Give two examples.
- e) What are translucent materials? Give one example.

Q.7) Think and answer the following questions .

(10)

- a) What would happen if there were no moon? How will life on earth be affected?
- b) Payal left her wet handkerchief on the window sill in the morning and was surprised to find that it was dry by the afternoon . How did it become dry ?
- c) Gopal is a potter . What kind of soil will he need to make pots and toys ? Why?
- d) Rohan switches on the light in his room and does some drawing . After sometime , he watches television in the living room. He leaves the television and light on and goes out for playing.
 - i) Do you think Rohan's actions are correct? Why?
 - ii) What would you do if you were in Rohan's place ? Why ?
- e) Shivani goes to her village with her parents . There she noticed the crop yield was less as the soil was not fertile . She decided to create awareness amongst the villagers .
 - i) Why do you think she took this step?
 - ii) What value did you notice in Shivani?

Q.8) Draw and label the following diagram.

- a) Layers of the Earth.
- b) Layers of Soil.

(3)

(2)