

BCM school basant Avenue Dugri Ludhiana

Class 7. Subject- Science

Ch-17 Forest our life line. And ch -4 Heat

Assignment

I MCQ

Q1 one of the following is not a wild animal?

a)Bear. b) bison. c)jackle. d)**goat**

Q2. Deforestation will lead to decrease in

(a) soil erosion

(b) rainfall

(c) drought

(d) global warming

II Case study

Teacher asked children to pickup leaves from the forest floor and observe them under a hand lens. They found tiny mushrooms over the decaying leaves. They also saw an army of tiny insects, ants and beetle on them. Teacher explained that apart from these animals which are easily seen, there are several organisms and micro-organisms that live in the soil. Paheli wondered what mushroom and other micro-organisms eat. Teacher replied that they feed upon the dead plant and animal tissues and convert them into a dark colored substance called humus.The micro-organisms which convert the dead plants and animals to humus are known as decomposers.

Que. 1) Under a.....the children observed the leaves.

(a) Torch

- (b) Microscope
- (c) Hand lens
- (d) Hand

Que. 2) They found.....over the.....

- (a) Tiny mushrooms, decaying leaves
- (b) Fruits, leaves
- (c) Ant, leaves
- (d) Fruit, Ant

Que. 3) The nutrients in the soil are absorbed by which part of the plant?

- (a) Roots
- (b) Shoot
- (c) Stem
- (d) Leaves

Que. 4) What are decomposers?

Que. 5) What did the presence of humus ensures?

III Subjective

1. Define food chain. Give example
2. State the role of scavengers in cleaning of our environment.
3. How forest prevent floods?

Ch -Heat

MCQ

Q1. Heat from sun reaches to us by

- a) radiation**
- b) conduction**
- c) convection**
- d)all of these**

Q2. Which of the following thermometers has a kink?

- (a) Laboratory thermometer**
- (b) Clinical thermometer**

- (c) Both (a) and (b)
- (d) Digital thermometer

Case study

Last Sunday, Pooja on her week off entered in her kitchen to cook rice for her family in lunch time. The moment she put fry pan on the gas stove and lighted it through the matchstick, all of sudden her 5 years small daughter entered into the kitchen and tends to touch the hot fry pan.

But she was fine as she touched the handle.

- (a) Explain why do the fry pan are provided with the plastic handles?
- b) Define conductor and insulator.
- c) Why we use Metallic pan whose base coated with copper?

Subjective

Q4. While reading a clinical thermometer, what precautions should we take?

Q5. It is preferred to use two thin blankets rather than one thick blanket. Explain the reason.

Q6. The freezer is located at the top of the refrigerator. Explain why.

Q7. Differentiate between clinical thermometer and laboratory thermometer.

Q8. Explain the differences between heat and temperature.