



VIDYA BHAWAN, BALIKA VIDYAPITH
SHAKTI UTTHAN ASHRAM, LAKHISARAI - 811311

STUDY NOTES

Teacher's Name: Anjani Kaushik

CLASS- VII (All Section)

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SCIENCE

CHAPTER: 9 Soil

Today's Topic: Answer the following questions

1. Answer the questions:

- a. What are the main constituents of soil?
- b. What is the role of microbes in the soil?
- c. What is soil profile?
- d. What type of soil is good for making pottery and sculptures?
- e. Why is planting of more trees important for the conservation of soil?

2. Fill in the blanks:

- a. Organic material is mainly _____ living matter.
- b. The uppermost layer of soil is commonly known as _____.
- c. Soil is a mixture of particles formed by _____ of rocks and decaying of plants and animals.
- d. Sandy soil contains more _____ particles while clayey soil contains more _____ particles.

e. Loamy soil consists of a mixture of sand, clay and silt and is considered to be the _____ for growing plants.

3. Indicate whether the statements are true or false:

a. The humus layer is generally soft, porous and cannot retain water.

b. Different-sized mineral particles, such as sand, silt and clay as well as humus, give soil its texture.

c. Silt is found in river beds and the size of silt particles is larger than that of sand.

d. The presence of moisture in soil can be tested simply by heating a small amount of soil.

e. Soils rich in clay and organic matter and having a good capacity to retain water are ideal for growing pulses.

4. Match the following:

a. humus

i. topsoil

b. clayey soil

ii. soil erosion

c. deforestation

iii. decaying organisms

d. Horizon A

iv. solid rock below soil

e. bedrock

v. fine particles

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