



Name: _____

Roll No.: _____ Std 5 Div: _____

Date: _____

1. Write a short note on the importance of soil.

2. Draw and explain the composition of soil.

3. Guess who I am.

(a) I am composed of large, rough grains of rock. I am very light. I don't hold / retain water, but let it pass through easily.

(b) I have very fine and smooth grains. When wet, I am extremely sticky and do not allow air or water to pass through easily.

(c) I allow air and water to reach the roots of plants. I contain humus; it provides the nutrients that plants need for healthy growth.

4. Give reasons.

(a) Topsoil is dark brown in colour.

(b) Plants growing in humus-rich soil need not be watered daily.

(c) Cutting down of trees should be stopped to prevent soil erosion.

5. Match the following.

| A | B |
|------------------|----------------------------|
| (a) Loam | (i) Nutrients |
| (b) Clayey | (ii) Blowing away of soil |
| (c) Rock | (iii) Wall and floor tiles |
| (d) Sandy | (iv) Growing plants |
| (e) Humus | (v) Soil |
| (f) Soil erosion | (vi) Watermelon |

Answer: (a) – ____, (b) – ____, (c) – ____, (d) – ____, (e) – ____, (f) – ____.

6. Fill in the blanks with the correct option.

(roots, concrete, humus, texture, sandy, fineness)

- (a) _____ is a mixture of sand, water, gravel, and cement.
- (b) Farmers grow different types of crops according to _____ and _____ the soil.
- (c) _____ holds water like a sponge.
- (d) Peanuts and peaches prefer _____ soil for growth.
- (e) _____ of plants hold the soil together.

7. Differentiate between the 3 types of soils.

| Sandy | Clayey | Loam |
|-------|--------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |




| Sandy | Clayey | Loam |
|-------|--------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

8. Humus is important for plant growth. Explain.

Self-assessment




✓ the picture that shows how you worked today.

I liked doing this work.

yes so-so no

I found this work easy.

yes so-so no

Teacher's remark:

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