



INDIAN SCHOOL NIZWA

SCIENCE WORK SHEET

LESSON:5- SOIL

Class:IV _____	Name: _____	Date:/ ____ /2024
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I. Choose the correct answer

1. _____ mixes with humus and to form soil.

- a) Sand
- b) Bedrock
- c) Water

Ans: _____

2. Which of these soils is rough and gritty and does not become sticky when wet?

- a) Sandy soil
- b) Loamy soil
- c) Clayey soil

Ans: _____

3. Which of the following is a soil layer?

- a) Sandy soil
- b) Topsoil
- c) Clayey soil

Ans: _____

4. Why is soil so important to us?

- a) We build on it.
- b) We walk on it.
- c) Plants need it to grow.
- d) All of the above

Ans: _____

5. How do plants help form soil?

- a) Plants break up rocks by spreading roots into cracks.
- b) Plant stems surround the rocks until they break.
- c) Plant leaves protect the rocks from extreme temperatures.

Ans: _____

6. The soil layer that is affected most by erosion is _____

- a) Topsoil
- b) Subsoil
- c) Bedrock

Ans: _____

7. Lilly is studying different types of soil. She is comparing clay, sand, gravel and silt. What soil type will she find the smallest particles?

- a) Loam
- b) Silt
- c) Clay
- d) Gravel

Ans: _____

8. Tree roots reach down into the middle layer of soil, breaking up the rocks there. This soil layer is called _____.

- a) Bedrock
- b) Topsoil
- c) Subsoil
- d) Parent rock

Ans: _____

9. Which of these soil parts has the largest particles?

- a) Silt
- b) Clay
- c) Humus
- d) Sand

Ans: _____

10. The soil at the top of a hill has a lot of the smallest type of soil particle. The soil is made up mostly of.

- a) Bedrock
- b) Sand
- c) Humus
- d) Clay

Ans: _____

7. _____ is an ingredient of soil that is made of dead plants and animals.

- a) Rock
- b) Sand
- c) Humus
- d) Dirt

Ans: _____

8. Which of the following is NOT true about soil?

- a) Farmers use soil to grow plants.
- b) Soil is an important natural resource.
- c) Soil contains pore spaces that can be filled with air or water.
- d) Soil is formed in a single layer.

Ans: _____

9. Some plants need more water to be able to grow. Juniper trees thrive in a dry condition. They do not need much water to be able to grow. Which type of soil would be the best for a Juniper tree?

- a) Clay
- b) Humus clay mix
- c) Sandy soil
- d) Silt

Ans: _____

10. Which layer of soil contains the most dead plant and animal materials?

- a) Bedrock
- b) Subsoil
- c) Parent rock
- d) Topsoil

Ans: _____

11. Cotton, which is grown to make clothing, depends mostly on _____ to grow.

- a) Topsoil
- b) Subsoil
- c) Bedrock
- d) Parent rock

Ans: _____

12. _____ becomes richer as dead plants decay.

- a) Topsoil

- b) Subsoil
- c) Bedrock
- d) Parent rock

Ans: _____

II. Match the following

A	B
a) Sand	i) Best soil for plants
b) Loamy	ii) Removal of the fertile topsoil
c) Clayey soil	iii) dead remains of plants and animals
d) Humus	iv) Smooth and sticky
e) Soil erosion	v) Largest soil particles

III I) Predict what will you get if you keep crushing rocks? What would happen if he keeps crushed powder under fan? Write any 2 health issues due to the dust at construction.

IV How do soil erosion affects crop production?
