



INDIAN SCHOOL AL WADI AL KABIR
DEPARTMENT OF EVS [2025 – 2026]

LESSON: SOIL CONSERVATION

WORKSHEET 1 (OPEN TEXTBOOK)

RESOURCE PERSON: MS. BATUL SAIFEE

NAME: _____ CLASS: V SEC: _____ DATE: _____

I. Fill in the blanks to complete the sentences.

1. Soil is formed when rocks break into tiny pieces due to natural forces. This process is called _____.
2. The _____ layer of soil is the most fertile and supports plant growth.
3. Some animals like some _____ and _____ live in the soil.
4. Running water, wind and human activities are called _____ of soil erosion.
5. It takes nearly _____ years for nature to form one inch of topsoil.

II. Match the following.

	Column A		Column B
1.	Loss of Topsoil	a.	Increases soil erosion.
2.	Presence of Humus	b.	Help in holding the soil together.
3.	Plant Roots in the Soil	c.	Makes the soil dark and rich.
4.	Cutting of Trees	d.	Reduce soil loss during floods.
5.	Embankments Along Rivers	e.	Makes the land less fertile.

Answer: 1 _____ 2 _____ 3 _____ 4 _____ 5 _____

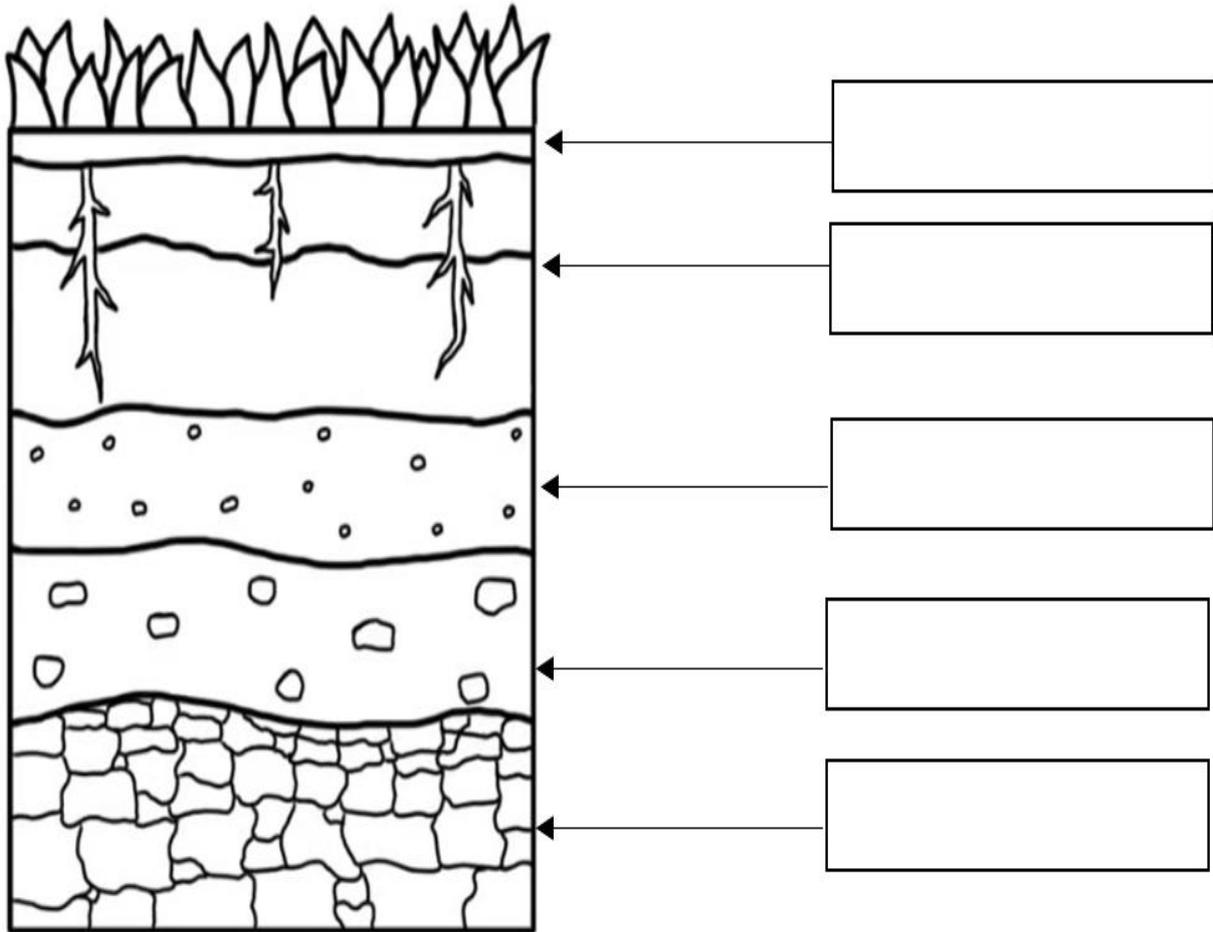
III. Define the following.

1. Soil - _____

2. Soil Erosion - _____

3. Afforestation - _____

IV. Observe the diagram given below and label the layers of soil.



V. For the questions given below, two statements are given - one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes a), b), c) and d) as given below.

- a) Both A and R are true and R is the correct explanation of the A
- b) Both A and R are true but R is not the correct explanation of the A.
- c) A is true but R is false.
- d) A is false but R is true.

		Statement	Answer
1.	Assertion	Soil is an important natural resource for all living organisms.	
	Reason	Soil provides nutrients, water and support for plants to grow.	
2.	Assertion	Step farming is practised in hilly areas.	
	Reason	Step farming helps farmers grow crops quickly.	
3.	Assertion	Running water causes soil erosion.	
	Reason	Soil erosion occurs only because of human activities.	
4.	Assertion	Bedrock is rich in humus and nutrients.	
	Reason	Bedrock is the lowest layer of soil.	