

14/05/2021
H/W

LAND, ~~SOIL~~ SOIL & WATER RESOURCES

EXERCISES

Date _____
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(1) Distinguish between:

(3) Mulching and contour bunding :-

<u>Ans</u>	<u>MULCHING</u>	<u>CONTOUR BUNDING</u>
	<p>⇒ The bare ground between the plants are covered with a layer of organic matter like straw or peat to prevent moisture loss from the soil is called mulching.</p>	<p>⇒ On hill sides, stones are covered used to build barriers across the slope, following contours. Trenches are made in front of the barrier. This way of preventing soil erosion is called contour bunding.</p>
	<p>⇒ It is done mainly in plain areas.</p>	<p>⇒ It is done mainly in hilly areas.</p>
	<p>⇒ In this process, the straws or peats are required to make a layer.</p>	<p>⇒ In this process, mainly stones are required to build barriers.</p>

Q57 Alluvial soil and laterite



ALLUVIAL SOIL

LATERITE SOIL

- | | |
|---|--|
| ⇒ It is formed due to the depositional action of rivers. | ⇒ It is formed due to intense leaching (when water washes the nutrients of soil). |
| ⇒ It is a fertile soil. | ⇒ It is an infertile land soil. |
| ⇒ It supports agriculture. | ⇒ It doesn't support agriculture. So, during cultivation it needs proper irrigation. |
| ⇒ It is found in the Indo-Gangetic Plains and the deltaic regions of the Peninsular belt. | ⇒ It is found in the regions of Odisha, WB, AP, Karnataka, Kerala, MP Maharashtra (the coastal region). |
| ⇒ It is not used for brick making. | ⇒ It is used for brick making. |

164 Arid and Peaty Soil



ARID SOIL

PEATY SOIL

⇒ It formed due to lack of moisture & found in dry regions.

⇒ It is rich in moisture & found in dense vegetation areas.

⇒ It needs sufficient irrigation before cultivation as it is an infertile soil.

It is ideal for cultivation as it is a fertile soil.

⇒ It is found in western Rajasthan.

⇒ It is found in Uttarakhand, Jharkhand, Bihar and in forests (evergreen) of the Western Ghats.

① Give reasons:

② We should conserve soil.

Ans Soil is a vital resource. From the soil, the plants obtain water, minerals and humus from soil which is very essential.

Soil is the habitat of many microorganisms which convert the dead matter to humus. It is used to make various medicines and also used for brick making, ^{used} for construction works. We use soil for agricultural purposes and the potters makes pots (pottery) and other materials by using soil. Thus, we should conserve soil.