

**Class-6 (Agriculture Studies)**

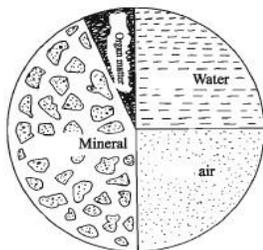
**Chapter-3**

**Agricultural Inputs**

**Lecture-4      Date-18.05.2020**

- ❖ Complete the whole exercise from text book and the sample creative questions which are given below with the help of text book and prepared notes (lecture sheets) by subject teacher.
- ❖ Students will be prepared for CHT of chapter-3 on 20.05.2020
- ❖ **Creative questions**

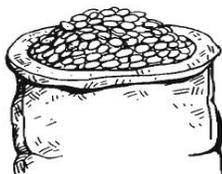
1.



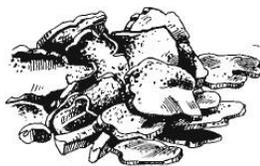
**Figure: A**

- a) What do you mean by soil?
- b) Mention the physical properties of soil.
- c) How mineral materials and organic materials of soil are created?
- d) Explain how mineral materials of soil influence the crop production?

2.



**Figure : Urea**

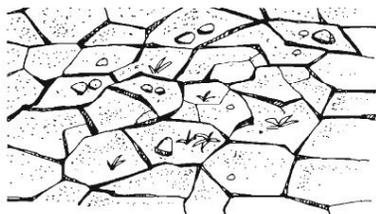


**Figure:Organic Fertilizer**

- a) What is fertilizer?
- b) Write the names of nutrients of TSP and MOP fertilizer.
- c) Write down the factors are to be considered to apply fertilizer.
- d) Make a comparison between the two types of fertilizers mentioned above stem.

1

3.



**Figure : Drought affected fieldcrop**



**Figure : Crop in normal field**

- a) What is irrigation?
- b) Write down the sources of irrigation water.
- c) Why is irrigation needed for drought affected field crop? Explain.
- d) 'For plants normal growth and development irrigation is necessary.' Evaluate this statement.

**Fill in the blanks:**

1. Soil consists of \_\_\_\_\_ main components.
2. The sand, silt and \_\_\_\_\_ are mineral material of soil.
3. About \_\_\_\_\_ of mineral materials are present in the soil by volume.
4. \_\_\_\_\_ are called the life of soil.
5. The ideal soil contains about \_\_\_\_\_ water by volume.
6. Mineral particles whose diameter is \_\_\_\_\_ or less than that are called soil particles.
7. The comparative quantity or percentage of ratio of sand, silt and clay particles in the soil is called \_\_\_\_\_.
8. The soil that contains \_\_\_\_\_ sand particles is called sandy soil.
9. The typical loamy soil should contain \_\_\_\_\_ sand particles.
10. Loamy soil is divided into \_\_\_\_\_ categories.
11. Soil of majority areas of Bangladesh is of \_\_\_\_\_ type.
12. Clayey soil is very \_\_\_\_\_ to be ploughed.
13. Artificial supply of water in the field for crop plant growth is called \_\_\_\_\_.
14. If the water is green or brown green in colour there is enough \_\_\_\_\_ for fish in water.
15. For Rui (carp) culture the best temperature is \_\_\_\_\_.
16. \_\_\_\_\_ depth of water of a pond is best for fish culture.
17. The water p<sup>H</sup> \_\_\_\_\_ is helpful to grow natural food in a pond.
18. Oxygen deficiency can be recovered by creating \_\_\_\_\_ on the water surface.
19. A milking cow daily drinks \_\_\_\_\_ of water.
20. A hen daily drinks \_\_\_\_\_ of water.
21. Seed means fertilized and mature \_\_\_\_\_ which can grow into a new plant.
22. The seed is the medium of plant \_\_\_\_\_.
23. \_\_\_\_\_ moisture is better to keep cereal seed grains well.
24. Zypsum provides \_\_\_\_\_ nutrient to the plants.
25. TSP provides \_\_\_\_\_ and \_\_\_\_\_ nutrients to the plants.