

## SCIENCE WORKSHEET 1

**General Instruction: Students are suggested to write the answers of the following questions in their old science copies or any other copy on the basis of the uploaded online video classes and documents**

### **Chapter 1: CROP PRODUCTION AND MANAGEMENT**

1. Define the term 'Crops'.
2. What are the two major classifications of crop patterns practiced in India?
3. What is tilling? State at least three points to state that why tilling is necessary?
4. What are the different activities of Agricultural practices?
5. Write three advantages of manure over fertilizers.
6. Why fertilizers are fast in action than that of the manures? (**Hint: Fertilizers are directly soluble in water but manures are not**)
7. Why silos are more suitable than granaries for the storage of grains? (**Hint: Mechanical control of temperature and humidity, Hermetically sealed for the protection from fungal infection and rodent attack**)
8. Write three differences between Kharif and Rabi crops with examples. (**Hint: On the basis of season, month of sowing and month of harvesting**)
9. Why kharif crops are grown preferably in the duration of June to September? (**Hint: Water logging**)
10. Write four differences between manures and fertilizers. (**Hint: NCERT Book: Page 7**)

### **Chapter 2: MICROORGANISMS- FRIEND AND FOE (Questions related to Topics discussed in Part 1 and Part 2 of Chapter2)**

1. What are microorganisms? What are the major groups of microorganisms?
2. Write 3 useful activities of bacteria.
3. What is the role of bacteria in making of curd? **Hint: Explained in Chapter 2 -part 2**
4. Viruses are microscopic particles but not microorganisms. Justify.  
**Hint: Explained in Chapter 2 -part 1**
5. Microorganisms are very useful to increase the fertility of the soil. How?
6. What the rod shaped bacteria scientifically called? Give one example of useful rod-shaped bacteria and write its one use.  
**Hint: Explained in Chapter 2 -part 2**
7. Name the device used to see microorganisms. Write one use of this device in medical science. (HOT Question)
8. Why microorganisms are called so?
9. Write the names of some diseases caused by microorganisms in human beings based on your own knowledge.
10. The following alarms are frequently given now-a-days by the Government against the spread of infection of COVID-19 in TVs, as Mobile caller tunes, alarm messages etc. "*Sarkar dwara Janahit me Jarit*"
  - ✓ Don't touch your nose, mouth, tongue and eyes casually without washing your hands, fingers and nails with soap or rinsing with a hand sanitizer.
  - ✓ Wash your hand properly and frequently by soap especially before taking food.

Write the importance of these habits to defend against the spread of this disease. (Value Based Question)

**Hint: Explained in Chapter 2 -part 1**