

I. Answer the following:

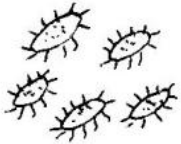
6x1=6

1.



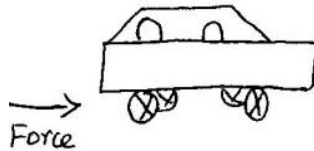
I am a plant who grows with the crop and share their nutrients. I hate 2, 4 - D Who am I? \_\_\_\_\_.

2.



I am the one who is responsible for the formation of curd. Identity me? \_\_\_\_\_.

3. Draw the direction of friction in the following diagram. (Redraw it)



4. Name the device used for measuring the force acting on an object.

5. Plasmodium is a human parasite which causes \_\_\_\_\_.

6. Name the inorganic salt which is not a fertiliser.

II. Answer in short:

5x2=10

7. Write 2 uses of hoe.

8. Name the festivals associated with the harvest season.

9. Write a note on role of Rhizobium in maintaining soil fertility.

10. Mention two simple method for reducing friction.

11. Can microorganisms be seen with the naked eye? If not, how can they be seen?

III. Answer in a paragraph: (Any Three)

3x3=9

12. Write 5 points on the harms caused by microorganisms.

13. Explain why sliding friction is less than the static friction.

14. Differentiate between fertiliser and manure.

15. Which microorganisms act as a decomposer? How is this activity useful to us?

16. Explain how soil gets affected by the continuous plantation of crops.

IV. Answer in detail: (Any two)

2x5=10

17. What is irrigation? Describe two methods of irrigation which conserve water.

18. What are the major groups of microorganisms?

19. What are the causes of friction?

V. VBQ (Value Based Questions):

2x2½=5

20. Make a poster highlighting the usefulness of microorganisms.

21. Generally wheat and leguminous plants could be cultivated alternatively. Why?