

Date : \_\_\_\_\_

## Summer Holiday Homework

Class : V

Day : \_\_\_\_\_

Sample Paper

Sec : A to M

Time allotted: 1 hour+ 20mins

Subject : Science

M.M. 40

Topic : Plant Reproduction, The Atmosphere, Seed Germination

### General Instruction:

- Attempt all the questions.
- Draw diagrams wherever necessary.

### I. Each question carries 1 mark.

(1×5=5)

1. What is fertilization?
2. Give the conditions required for the germination of seed.
3. What is reproduction?
4. Which instrument is used to measure air pressure?
5. Define atmosphere.

### II. Each question carries 2 marks.

(2×5=10)

6. Name any two gases present in the atmosphere and write one use of each.
7. Why is it difficult to ride a bicycle with deflated tyre?
8. Name the following:
  - i) Outer most covering of a seed \_\_\_\_\_.
  - ii) A hole through which water enters the seed \_\_\_\_\_.
  - iii) Scar on the seed \_\_\_\_\_.
  - iv) Baby plant is also called \_\_\_\_\_.
9. Why do plants produce large number of seeds? Give any two reasons to support your answer.
10. What are Nitrogen fixing bacteria? How are they helpful to the plants?

### III. Each question carries 3 marks.

(3×5=15)

11. How can we reduce the emissions of carbon dioxide in the air? Write any 3 points.
12. How does fire extinguisher helps in extinguishing the fire?
13. Discuss the special features and agents of dispersal of the following seeds.

S.No.	Name of seed	Special Features	Agents of Dispersal
1	Velcro		
2	Milkweed		
3	Coconut		

14. Explain the process of germination.
15. Discuss any three applications of air pressure from your daily life.

**IV. Each question carries 5 marks.**

**(5×2=10)**

16. Name the five layers of the atmosphere. Also give one importance of each layer surrounding the earth.
17. a) Draw a well labelled diagram showing inner parts of a bean seed. (3)
- b) Give one function of:- (2)
- i) Cotyledons                      ii) Micropyle