

WORK SHEET
SECOND TERM
SUBJECT- SCIENCE
LESSON- REPRODUCTION IN PLANTS
CLASS- VII

Q 1. Answer the following questions:

- i) Name the major ways in which all living beings reproduce.
- ii) Mention various methods of asexual reproduction of plants with examples.
- iii) What is vegetative propagation? Which parts of the plants are involved in it?
Give example of each type.
- iv) What is sexual reproduction? How is it different from asexual reproduction?
- v) What is fertilization? What is its result?
- vi) Mention various parts of a flower. When is a flower called 'a complete flower'?
- vii) Give two examples of a complete and an incomplete flower.
- viii) What is pollination? How does it take place?
- ix) What is a pollen tube? What is its importance?
- x) How do the hooks on the seeds help in 'seed dispersal'?

Q 2. Match the column:

- | | |
|---------------|---------------------------|
| a) Petal | 1) brightly coloured |
| b) Ovary | 2) bulb |
| c) Anther | 3) Bryophyllum |
| d) Onion | 4) stem |
| e) Leaf buds | 5) female gamete |
| f) Rose plant | 6) produces pollen grains |
| g) Egg | 7) swollen base of flower |

Q 3. Explain the process of fertilization in plants with the help of a simple diagram.

Q 4. Give two examples of each:

- i) Seed's dispersal through wind
- ii) An incomplete flower
- iii) Reproduction by fragmentation
- iv) Reproduction by spore formation
- v) Reproduction by budding
