

EVS

CHAPTER 4

PLANT REPRODUCTION

QI. Complete the sentences by choosing the correct word from the bracket .

1. Plant reproduction is the process by which new plants grow.
(reproduction/respiration)
2. Seeds of plants like coconut lotus and water lily disperse by water
(water/air)
3. Radicle grows downward (upward/downward)
4. Potato and ginger have underground stems . (leaves /stems)
5. Vegetation propagation is the process of reproduction from plant parts like leaves .(spores / leaves)

QII. Answer the following in one word .

1. Name the special reproductive unit of a non-flowering plant. => CONES
2. Name a plant that can grow from its stem. => GINGER
3. Name any two plants whose seeds disperse by explosion.=> PEAS , BEANS
4. How do non- flowering plants reproduce ?=> Through spores

QIII. Match the columns.

- | | |
|----------------|-----------------|
| 1. Germination | growth |
| 2. Cotyledon | food for embryo |

Ans. Germination is the process of seeds developing into new plants. It includes right amount of water, air , soil and sunlight.

Steps of germination:

- Favourable Environmental conditions.
- Water absorption .
- Formation Root and Shoot. □ A seedling is formed.

4. Name the ways by which seed disperse .

Ans The ways in which seed disperse are :

- Wind
- Animals
- Water
- Explosion
- Humans

5. How do plants reproduce through leaves?

Ans Leaves of some plants like begonia and bryophyllum grow small buds on their leaf margins that grow into new plantlets.

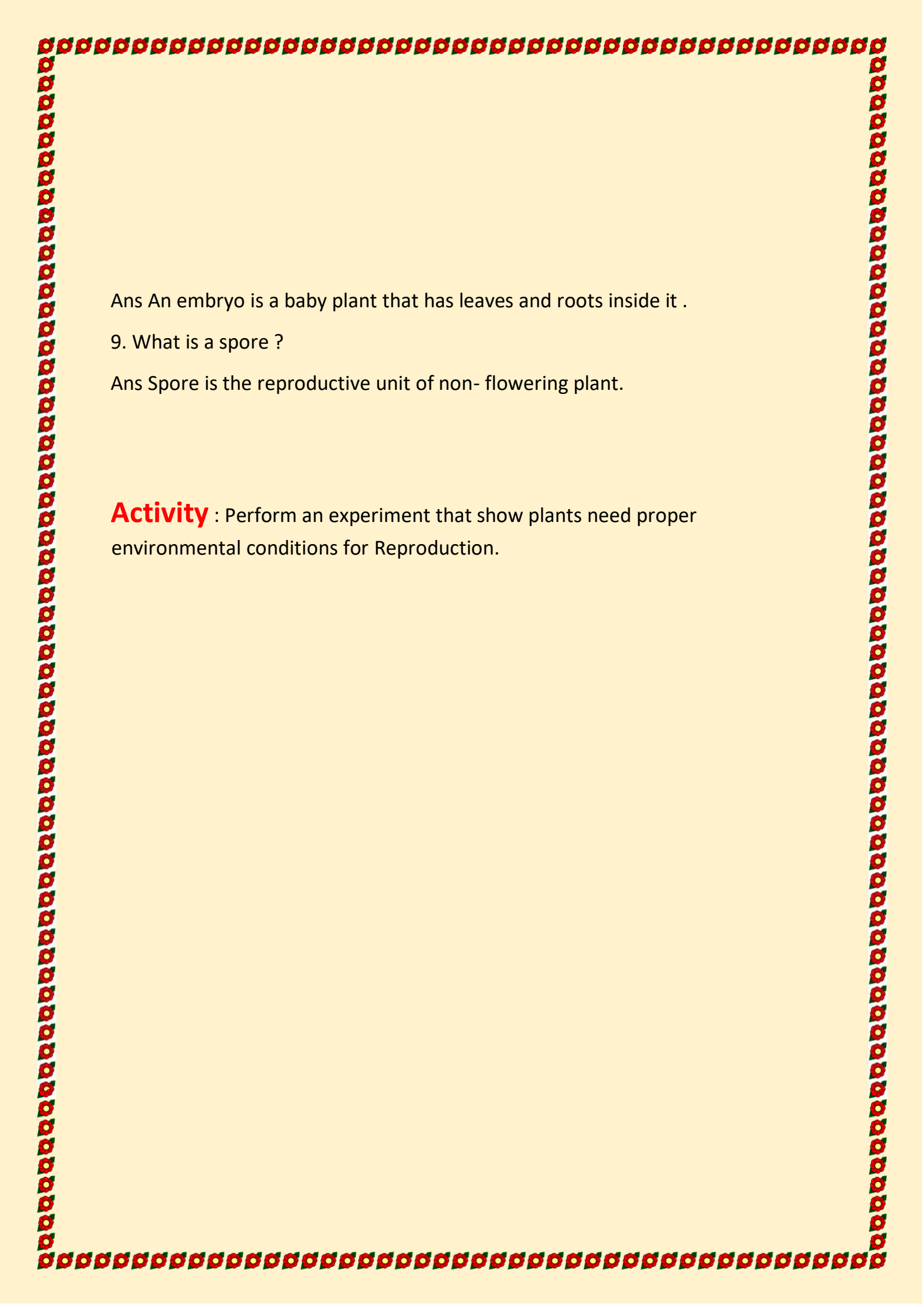
6. What is a plant?

Ans A plant is a living organism that has roots , stems , leaves , flowers and fruits.

7. How does a pine tree reproduce ?

Ans Pine tree reproduce through cones.

8. What is an embryo ?



Ans An embryo is a baby plant that has leaves and roots inside it .

9. What is a spore ?

Ans Spore is the reproductive unit of non- flowering plant.

Activity : Perform an experiment that show plants need proper environmental conditions for Reproduction.