



BCM SCHOOL, BASANT AVENUE, DUGRI

SESSION 2025-26

CLASS - V

SCIENCE-PAPER PATTERN ASSIGNMENT

DATE – 09.12.25

• Multiple choice questions

1. Aryan rubbed two flowers of the same plant together. He helped in—

- a) Cross-pollination
- b) Self-pollination
- c) Wind pollination
- d) Water dispersal

2. Arjun noticed that only the flower with both male and female parts produced fruit.

What type of flower was it?

- a) Unisexual flower
- b) Bisexual flower
- c) Seedless flower
- d) Non-flowering plant.

3. A farmer noticed that when frogs decreased, insects started destroying crops.

What role do frogs play here?

- a) Producers
- b) Primary consumers
- c) Secondary consumers (they eat insects)
- d) Decomposers

• Assertion/Reason

i) A and R are correct.

ii) A and R are incorrect.

iii) A is correct but R is incorrect

iv) A is incorrect but R is correct

4. Assertion (A): Lions are secondary or tertiary consumers.

Reason (R): They eat grass directly.

5. Assertion (A): Fertilization occurs when male and female gametes fuse.

Reason (R): The male gamete is present inside the pollen grain.

• Competency based questions.

6. A class keeps a plant and a snail in a closed transparent jar. After a few days, both survive. How is this possible?

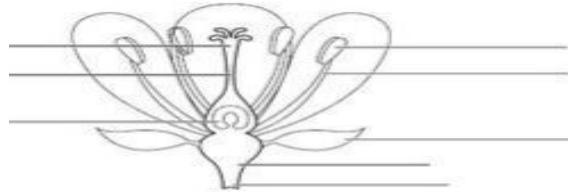
7. Neha observed that watermelons and cucumbers need insects for pollination. How can she help farmers increase pollination in these fields?

8. In a science activity, students removed the anthers from a flower and left it on the plant. Will fertilization take place? Why/Why not?

9. If tigers are protected and their population increases, what impact will it have on deer and plants?

- **CASE STUDY**

Parts of a flower



Label the parts of a flower

Class 5 students were observing flowers in the school garden. Their teacher showed them a hibiscus flower and asked them to identify its parts. Aarush noticed several thin stalk-like structures inside the flower. The teacher told them that these are called stamens, which are the male reproductive parts of the flower. She also explained that each stamen has an anther at the top and a filament that holds it. When Aarush gently touched the anther, he found a yellow powder on his fingers. The teacher said that this powder is called pollen, which plays an important role in pollination. She also added that without pollen, seeds cannot be formed .

Answer the questions

1. What is the male reproductive part of a flower called?
2. Name the two parts of a stamen.
3. What was the yellow powder on Aarush's fingers?
4. Why is pollen important for a flower?
5. What may happen to the flower whose anthers were damaged?