I. Fill in the blanks

1. The method of reproduction in jasmine is ________________.
2. ________________ is the oxygen carrier in insect’s blood.
3. Penguins use their forelimbs as ________________ to swim in water.
4. ________________ is a small baby plant coming out of a seed.
5. Amoeba breathes through its ________________.
6. ________________ is the first man-made satellite.
7. The moon completes its revolution around the earth in ________ days.
8. The special openings along the side of insect’s body are called as ________________.

II. Name the following

1. An animal with hair or fur fed with mother’s milk- ________________
2. The path followed by planets while revolving around the sun- ________________
3. The propagation of plants from any part of the parent plant- ________________
4. The place beyond the blanket of atmosphere - ________________
III. **Write true or false**

1. Cotton grows well in black lava soil- __________
2. Tadpoles breathe through moist skin- __________
3. Lumps of iron and rocks falling on moon's surface are called craters- __________
4. Ginger is an example of underground stem- __________

IV. **Complete the crossword puzzle**

![Crossword Puzzle]

**Across**

1. The feeding organ of a butterfly
2. Moon is the only natural ______________ of earth
3. Fungicides are used to kill ______________

**Down**

1. Process of development of a seed into a seedling
2. The tiny tubes inside the lungs
3. A pointed horny nail on an animal's or bird's foot
V. Give 2 examples of each  

1. Tuberous roots- ____________________ ____________________

2. India's artificial satellites- ____________________ ____________________

3. Animals which use their forelimbs like man- ____________________

4. Wingless insects- ____________________ ____________________

VI. Complete the series.  

Full moon → ____________________ → Half moon → ____________________ → New moon

VII. Identify the figure and answer the following accordingly  

1. 

_________________________ and Begonia grow from the buds on their leaves.

2. 

Seeds which are dispersed by wind have wings or ____________________ on them.
3. Fish breathe through __________ which is located under a cover called ____________

4. __________ is a migratory fish.

5. _______________ was the first man to step on the moon
Answer the following questions in separate answer sheets.

VIII. Give reason- (any two)  
(2 × 1 = 2 marks)

1. A person who weighs 30 kg on the earth surface will weigh only 5 kg on the surface of moon.

2. Insect's blood is not red in colour.

3. Seeds are dispersed by various means.

IX. Answer briefly – (any 4)  
(4 × 1 ½ = 6 marks)

1. Why do animals need to move?

2. Differentiate between monocotyledons and dicotyledons.

3. Define ocean tides? Which are the two types of ocean tides?

4. How can farmers get a high yield of crops? Write any 3 points.

5. Is there any life on the moon? If no why?

X. Distinguish between (any one)  
(1 × 2 = 2 marks)

1. Dispersal of seeds by water and dispersal of seeds by explosion

Or

2. Herbivores and omnivores.

XI. Answer the following (any one)  
(1 × 3=3 marks)

1. Draw, colour and label the parts of a germinated seed. Write the functions of any 2 parts.

Or

2. When does an eclipse occur? Draw, colour and label solar eclipse.