



BURARI PUBLIC SCHOOL

...a venture with **UNIQUE**

PERIODIC ASSIGNMENT – IV (2025-26)

CLASS: VI

SUBJECT- SCIENCE

Date ___/___/___

M.M.: 40

Name: Roll No..... T. sign.....

General Instructions:

This question paper is divided into five sections – A, B, C, D and E.

All questions are compulsory.

Section A – Objective-type questions of 1 mark each.

Section B – Short answer -type question of 2 marks each.

Section C – Long answer-type questions of 4 marks each.

Section D – Diagram of 5 marks

Section E- Case study of 3 marks

SECTION A

(10 Marks)

A. Choose the correct option.

Q1. Which method of separation is used for separating small piece of stones and insect from food grains?

- (a) Sieving
- (b) Handpicking
- (c) Winnowing
- (d) all of these —

Q2. The process of separating grains from husk and hay with the help of wind is called

- (a) Threshing
- (b) Winnowing
- (c) Churning
- (d) Handpicking

Q3. What does female mosquito lay its eggs

- (a) Blood of animal
- (b) Insect
- (c) Nector of flower
- (d) Water

Q4. During stage iv, the froglet mature into an _____

- (a) Tadpole
- (b) Adult frog
- (c) Froglet
- (d) Fertilized egg

Q5. In human beings breathing is a part of

- (a) Excretion
- (b) Reproduction
- (c) Transpiration
- (d) Respiration

Q6. The root of plant grow downwards towards the Earth this property called_____

- (a) Phototropism
- (b) Geotropism
- (c) Nasticism
- (d) All of these

Q7. The process of removal of waste in plant is called_____

- (a) Secretion
- (b) Excretion
- (c) Acacia
- (d) Digestion

Q8. Plants take oxygen during

- (a) Noon
- (b) Night
- (c) Morning
- (d) Evening

For question numbers 9-10 two statements are given—one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes (a), (b), (c), and (d) as given below:

- (a) Both A and R are true, and R is the correct explanation of A.
- (b) Both A and R are true, but R is not the correct explanation of A.
- (c) A is true, but R is false.
- (d) A is false, but R is true.

Q9. Assertion (A): Tadpole have tails.

Reason (R): Tail help tadpole to swim in water.

Q10. Assertion (A): Weight difference is important for winnowing.

Reason (R): Winnowing and sieving are similar process.

SECTION B

(10 Marks)

Q11. What are essential conditions for germination of seed?

Q12. What is tropism?

Q13. Which method is employed for separating coarse particles of an insoluble solid from water?

Q14. What is loading?

Q15. Write difference between phototropism and geotropism.

SECTION C

(12 Marks)

Long answer type question.

Q16. Name a method to separate a thoroughly grinded mixture of sand and powdered dry leaves?

Q17. What are the similarities and distinguishing features in the life cycle of a mosquito and a frog?

Q18. Will seed germinate in a pot where excess water is provided? Why or why not?

SECTION D

(3 Marks)

Q19. Draw a well label diagram of showing life cycle of an apple plant.

SECTION E

(5 Marks)

Q20. Case study

Aman lives near a small pond in his village. Every evening, he hears the croaking sounds of frogs. One day, after rainfall, he notices many frogs jumping around near the pond. Aman observes the following things:

Frogs live both in water and on land.

They have strong back legs that help them jump long distances.

Their skin is smooth and moist.

Frogs lay eggs in water, and the eggs hatch into tadpoles.

Tadpoles look like small fish and breathe using gills.

As they grow, tadpoles slowly develop legs and lungs to become adult frogs.

Frogs help control the number of insects by eating mosquitoes and flies

Aman becomes interested and decides to learn more about frogs and their life cycle.

Answer the following questions

Q1. Why can frogs live both on land and in water ?

Q2. How do frogs move on land?

Q3. Where do frog lay eggs?

Q4. What is tadpole?

Q5. Which body part helps frogs jump far?