# O. P. JINDAL SCHOOL, SAVITRI NAGAR

**Periodic Test - I (Round-II ) (2026 – 2027 )**

**Class: XI** **Max. Marks: 20**

**Subject: Biology (044)** **Time: 01 Hour**

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*General Instructions:*

- *Question paper contains 03 Sections (Section – A, Section – B, Section – C)*
- *Section A – Multiple Choice Questions (MCQ's) carries 01 mark each.*
- *Section B – Very Short Answer Type Questions carries 02 marks each.*
- *Section C – Short Answer Type Questions carries 03 marks each.*

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## Section – A

Q1. Which animal group has a true body cavity (coelom) that is not fully lined by mesoderm?

(a) Acoelomates ( b) Pseudocoelomates
( c) Coelomates ( d) Hemichordates

Q2. Which of the following is the largest phylum in the animal kingdom by species count?

(a) Mollusca ( b ) Arthropoda
(c) Annelida (d ) Chordata

Q3.Malpighian tubules are

(a) Excretory organs of insects (b) Excretory organs of frog
(b) Respiratory organs of insects (d)Endocrine glands of insects

Q4. In pteridophyte, the sporophyte consists of leaf –like appendages called

(a) Megaphylls (b) Sporophylls
(c) Thalli (d) Sporangia

Q5. Which of the following are the first land plants to possess vascular tissues (xylem and phloem) ?

(a) Bryophytes ( b) Pteridophytes
(c) Gymnosperms ( d) Angiosperms

Q6. Which plant group is known as the "amphibians of the plant kingdom" because they need water to complete their sexual life cycle?

(a) Algae (b) Bryophytes
(c) Pteridophytes (d) Gymnosperms

## Section – B

Q7. Both gymnosperms and angiosperms bear seeds, then why are they classified separately?

Q8. What is heterospory? Briefly comment on its significance. Give two examples.

Q9. Define (a) Bilateral symmetry (b) Complete digestive system

Q10. What are the distinguishing features of Phylum Echinodermata?

## Section – C

Q11.(i) Write the economic importance of algae.

(ii) How is gametophyte a dominant phase in the life cycle of bryophytes?

Q12. (i) What is metameric segmentation? Give an example.

(ii) Differentiate between open and closed circulatory system.

OR

(i)What do you understand by alternation of generation in Cnidarians ?

(ii)Differentiate between polyp and medusa.

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