

O. P. JINDAL SCHOOL, SAVITRI NAGAR
Periodic Test - II (2025 – 2026)

Class: XI**Subject: Biology(044)****MM: 20****Time: 01 Hr.****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.**

Section – A

Q1. In pteridophyte, the sporophyte consists of leaf –like appendages called

(a) megaphylls	(b) sporophylls
(c) thalli	(d) sporangia

Q2. Which plant groups has vascular tissue, produces spores ,but does not have seeds ?

(a) Bryophyta	(b) Pteridophyta
(c) Gymnosperms	(d) Angiosperms

Q3. The unique feature of bryophytes in comparison to other green plant group is that

(a) they produce spores	(b) they lack vascular tissue
(c) they lack roots	(d) their sporophyte is attached to gametophyte

Q4. Mantle cavity in mollusca is the space between

(a) visceral hump and mantle	(b) mantle and muscular foot
(c) muscular foot and visceral hump	(d) mantle and radula

Q5. Members of phylum –Annelida have

(a) Nephridia-Excretion
(b) Parapodia-Swimming
(c) Double ventral nerve cord-Neural system
(d) All of the above

Q6. Water vascular system is a distinctive feature of the phylum

(a) Porifera	(b) Echinodermata
(c) Mollusca	(d) Ctenophora

Section – B

Q7. Define (a)Bilateral symmetry (b) Acoelomate animals

Q8. Differentiate between open circulatory system and closed circulatory system ?

Q9. Both gymnosperms and angiosperms bear seeds , then why are they classified separately ?

Q10. Describe the important characteristics of angiosperms.

Section – C

Q11.(i) Why birds are called warm- blooded animals? How does this help them?

(ii)What is the importance of pneumatic bones and air sacs in Aves ?

Or

(i)When is the coelom said to be a pseudocoelom ?

(ii)Name the two layers of cells in a diploblastic animal.

Q12.(i)Why are bryophytes called ‘amphibians of plant kingdom’ ?

(ii)What is heterospory ? Briefly comment on its significance.
