

O. P. JINDAL SCHOOL, SAVITRI NAGAR

Periodic Test – I Round-II (2025 – 2026)

Class: XII

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. Marijuana is obtained from
(a) Papaver somniferum (b) Cannabis sativa
(c) Erythroxylum coca (d) Tobacco plant
- Q2. Elephantiasis is caused by
(a) Plasmodium (b) Wuchereria bancrofti
(b) Taenia solium (d) Ascaris
- Q3. Monascus purpureus is used for
(a) Production of ethanol (b) Production of citric acid
(c) Lowering blood cholesterol (d) Production of acetic acid
- Q4. Which stage of Plasmodium infects RBCs
(a) Sporozoite (b) Trophozoite
(c) Gametocyte (d) Ookinete
- Q5. The enzyme streptokinase used as a clot-buster is produced by
(a) Streptococcus (b) Penicillium
(c) Aspergillus (d) Lactobacillus
- Q6. Which bacterium is used in sewage treatment (activated sludge) ?
(a) Rhizobium (b) Methano bacterium
(c) Nitrosomonas (d) Floc-forming bacteria

Section – B

- Q7. How does Bacillus thuringiensis act as a biocontrol agent ?
- Q8. What are histamines ? Mention their role in allergy.
- Q9. Describe the role of microbes in sewage treatment.
- Q10. Draw a well labelled diagram of Antibody molecule.

Or

Explain the role of drugs and alcohol abuse on human health..

Section – C

Q11. Explain the life cycle of Plasmodium in human and mosquito with a neat diagram.

Or

What are lymphoid organs ? Explain the role of primary and secondary lymphoid organs.

Q12. Describe the role of microbes in food processing and beverages.
