

**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.*

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## Section - A

Q1. Marijuana is obtained from

(a) *Papaver somniferum* (b) *Cannabis sativa*  
(c) *Erythroxylum coca* (d) Tobacco plant

Q2. Elephantiasis is caused by

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

Q6. Which bacterium is used in sewage treatment (activated sludge) ?

### 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.

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