



Date:13/06/24

MONTHLY TEST-01 (2024-25)

Max marks:20

Grade:XII

BIOLOGY(044)

Time:50min

General Instructions:

1. There are 9 questions in the question paper. All questions are compulsory.

Qn · No	SECTION A	Marks allocated
1	The clinical test that is used for diagnosis of typhoid is: a. ELISA    b. ESR    c. PCR    d. Widal	1
2	Many diseases can be diagnosed by observing the symptoms in the patient. Which group of symptoms are indicative of pneumonia? a. Difficulty in respiration, fever, chills, cough, headache b. Constipation, abdominal pain, cramps, blood clots c. Nasal congestion and discharge, cough, constipation, headache d. High fever, weakness, stomach pain, loss of appetite and constipation	1
3	'Smack' is a drug obtained from the: a. latex of Papaver somniferum b. leaves of Cannabis sativa c. flowers of Datura d. fruits of Erythroxylum coca	1

4	Assertion: The annual net primary productivity of the whole biosphere is approximately 170 million tons (dry weight ) of organic matter.	1
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	<p>Reason: Of this, despite occupying about 70 percent of the surface, the productivity of oceans are only 55 million tons.</p> <p>a. If both assertion and reason are true and the reason is a correct explanation of the assertion.</p> <p>b.If both assertion and reason are true but reason is not a correct explanation of the assertion.</p> <p>c.If assertion is true but reason is false.</p> <p>d. If both assertion and reason are false.</p>	
	SECTION B	
5	Where are B-cells and T-cells formed? How do they differ from each other?	2
6	Why is an antibody molecule represented as H <sub>2</sub> L <sub>2</sub> ?	3
7	What are the three types of ecological pyramids? Explain?	3
8	a.What is foetal ejection reflex? b.How does it cause parturition?	3
	SECTION C	
9	1.What is cancer? 2.How is a cancer cell different from the normal cell? 3.How do normal cells attain cancerous nature?	5