

IIT JAM 2024 Biotechnology (BT) Answer Key

<p>Ques 1. Epinephrine is derivative of? Ans. Tyrosine</p>
<p>Ques 2. Chromosomal duplication phase Ans. S-phase</p>
<p>Ques 3. What is the RNA catalytic enzyme? Ans. Ribozyme</p>
<p>Ques 4. How to determine the 3D structure of organic compound Ans. NMR, XRC</p>
<p>Ques 5. Fruit Ripening Hormone ? Ans. Ethylene</p>
<p>Ques 6. Lotic bodies A. River B. Pond C. Stream D. Lakes Ans. A, C</p>
<p>Ques 7. Which is/are present in Golden rice? A. vit A B. vit K C. vit D D. β-carotene Ans. A,D</p>
<p>Ques 8. Most common ancestor? A. Ortholog B. Parolog C. Analog Ans. A</p>
<p>Ques 9. Most abundant rNA in eukaryotic cells? A. r RNA B. t RNA C. m RNA D. Sn RNA Ans. A</p>
<p>Ques 10. Metabolic acidosis decreases plasma level of A. O_2 B. Urea</p>

- C. Lactate
- D. Bicarbonate

Ans. D

Ques 11. Which of the following is NOT morphogenic property of cell apoptosis?

- A. (↑) in cell size
- B. DNA fragmentation
- C. Membrane bebbing
- D. Disoriented nuclear envelope

Ques 12. DNA doubles in which stage

- A. G1
- B. S
- C. M
- D. G2

Ans. S

