

Rajasthan Board Class 12 Biology Question Paper (Memory Based)

Time Allowed :2 Hour	Maximum Marks :30	Total Questions :16
----------------------	-------------------	---------------------

General Instructions

Read the following instructions very carefully and strictly follow them:

- Answers to this Paper must be written on the paper provided separately.
- You will not be allowed to write during the first 15 minutes
- This time is to be spent in reading the question paper.
- The time given at the head of this Paper is the time allowed for writing the answers,
- The paper has four Sections.
- Section A is compulsory - All questions in Section A must be answered.
- You must attempt one question from each of the Sections B, C and D and one other question from any Section of your choice.

1. Define Parthenocarpy and give one example of a fruit that develops this way.

2. What is the function of the Tapetum in the Microsporangium?

3. What are Okazaki fragments and in which process are they formed?

4. Define Point Mutation with the example of Sickle Cell Anemia.

5. Define Biopiracy with reference to Basmati rice.

6. Explain the "Lock and Key" mechanism of enzyme action or the Central Dogma of molecular biology.

7. Describe the In-situ and Ex-situ methods of biodiversity conservation.

8. Explain the DNA Double Helix structure as proposed by Watson and Crick.
