

JK Board Class 10 Science(Life Science) Question Paper (Memory Based)

Time Allowed :3 Hour	Maximum Marks :60	Total Questions :24
----------------------	-------------------	---------------------

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. Explain the process of Photosynthesis and write its balanced chemical equation.

2. Describe the mechanism of Respiration in humans, including the role of alveoli.

3. Explain how gaseous exchange occurs in plants through stomata and lenticels.

4. What is Transpiration, and how does it help in the upward movement of water in plants?

5. Define Reflex Action and explain the pathway of a Reflex Arc with an example.

6. Explain the role of Thyroxin and Insulin hormones in the human body.

7. Distinguish between Sexual and Asexual reproduction with examples.

8. Describe the process of Double Fertilization in flowering plants.

9. What is the importance of DNA copying in reproduction?

10. How is the sex of a child determined in human beings?

11. What is Biological Magnification, and how does it affect different trophic levels?
