



BIOLOGY-TEST (Life Processes)

Instructions:

10th Science

- All the questions are compulsory.
- Attempt all the questions in order.

Time : 1 Hr

M. marks : 25

-----Section-A-----

Q. 1. CHOOSE THE CORRECT OPTION (MCQs)

_____ (1) each

i) The matrix of the chloroplast is known as

- a) Grana b) Stroma c) Thylakoid d) Lamella

ii) Compensation point occurs when there is

- a) High Light Intensity b) Dark c) Morning & Evening d) Mid-day

iii) The Chlorophyll absorbs mostly _____ light.

- a) Blue & Green b) Blue & Red c) Green & Red d) Green

iv) Nutrients are translocated in plants through

- a) Xylem b) Phloem c) Both d) None

v) The blood cells responsible for blood clotting are

- a) Erythrocytes b) Leucocytes c) Thrombocytes d) All

Q. 2. DEFINE THE FOLLOWING.

_____ (1) each

i) Dialysis

ii) Compensation Point

iii) Peristalsis

iv) Blood Transfusion

v) Emulsification

-----Section-B-----

Q. 3. ANSWER THE FOLLOWING.

_____ (2) each

i) How is the small intestine designed to absorb digested food?

ii) What are the different ways in which glucose is oxidized to provide energy in various organisms?

Q. 4 GIVE SOLUTIONS FOR THE FOLLOWING.

_____ (3) each

- i) Describe double circulation in human beings. Why is it necessary?
ii) Write 6 points of difference between Artery and vein.

-----**Section-C**-----

Q. 5. What are Enzymes? Discuss the functions of digestive enzymes in Human Beings.

_____ (5)

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