

24/8/21

124

2021 (A)

Roll No: _____

INTERMEDIATE PART-I (11th CLASS)

BIOLOGY (Home Economics Group) PAPER-I

TIME ALLOWED: 1.15 Hours

SUBJECTIVE

MAXIMUM MARKS: 25

NOTE: Write same question number and its part number on answer book, as given in the question paper.

SECTION-I

2. Write any six short answers.

6 × 2 = 12

- (i) What are adventitious roots, give example.
- (ii) Differentiate between simple and compound leaf.
- (iii) Define transpiration.
- (iv) Name two viral diseases.
- (v) What is soil erosion?
- (vi) Write sources of vitamin E.
- (vii) Give structure and composition of chromosome.
- (viii) Define cytokinesis.
- (ix) What is nephron?

SECTION-II

NOTE: Attempt any two questions.

2 × 6½ = 13

- 3. Explain structure and function of human heart.
- 4. Write detailed note on joints.
- 5. Define photosynthesis. Explain two necessary conditions for photosynthesis.

90-2021(A)-100 (MULTAN)

BIOLOGY (Home Economics Group) PAPER-I

TIME ALLOWED: 15 Minutes

OBJECTIVE

MAXIMUM MARKS: 10

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

- (1) Storage of surplus food is done by which cells?
(A) Parenchymatons (B) Collenchymatons (C) Sclerenchymatons (D) Fibers
- (2) Cell secretions is concerned with:
(A) Mitochondria (B) Golgi complex (C) Chloroplast (D) Ribosomes
- (3) Human sperms and eggs have chromosomes:
(A) 20 (B) 21 (C) 22 (D) 23
- (4) Example of underground stem:
(A) Ginger (B) Potato (C) Arvi (D) All of these
- (5) Which is concerned with function of hearing?
(A) Cochlea (B) Retina (C) Taste buds (D) Semicircular canals
- (6) Color blind person is unable to distinguish between which colors?
(A) Black and white (B) Blue and red (C) Red and green (D) White and red
- (7) Following the G_1 phase is:
(A) S - phase (B) G_2 - phase (C) G_0 - phase (D) M - phase
- (8) Cytokinesis is division of:
(A) Chromosomes (B) Centromere (C) Cytoplasm (D) Whole cell
- (9) Axon and dendrites are parts of:
(A) Neuron (B) Smooth muscle (C) Connective tissue (D) Muscle tissue
- (10) Which of the following is spice?
(A) Castor oil (B) Carrot (C) Saffron (D) Radish

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[illegible]

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