

Paper Code

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ESKPIX-XXV (I)

SSC-(P-I)

BIOLOGY – 9th

Time Allowed: 3 Hrs

Marks: 65

Note: There are **Three Sections** in this paper i.e. A, B and C. Attempt Section A and return it to the Superintendent within the given time. No marks will be awarded for **Cutting, Erasing and Overwriting**.

Mobile Phone is strictly prohibited in Examination Hall.

Time: 20 Minutes

SECTION "A"

Marks: 12

Q.1. Choose the correct option and shade one of (A, B, C, D) in the given **Bubble Answer Sheet**.

- i.** Which of the following is a characteristic of animals?
- (A) Autotrophs (B) Heterotrophs (C) Chemotrophs (D) Photoautotrophs
- ii.** Collected data helps scientists to:
- (A) Ignore the hypothesis (B) Organize their experiments (C) Analyze information (D) Skip the experiment phase
- iii.** The arrangement of organisms on the basis of some certain characteristics is:
- (A) Speciation (B) Classification (C) Reproduction (D) Hybridization
- iv.** Tissues are made up of cells that:
- (A) Perform unrelated functions (B) Perform a specific function (C) Form organs directly without specialization (D) Are independent and do not work together
- v.** Which of the following is a characteristic of eukaryotic cells but not prokaryotic cells?
- (A) Presence of small size ribosome (B) Lack of membrane bounded nucleus (C) Presence of large size ribosome (D) Presence of a peptidoglycan-based cell wall
- vi.** The main source of genetic variation in sexually reproducing organism is:
- (A) Replication (B) Amitosis (C) Meiosis (D) Mitosis
- vii.** Which of the following statement about mitosis is correct?
- (A) It occurs in germ cell to produce gametes (B) It maintains the chromosome number in daughter cells (C) It results in genetic recombination (D) It reduces the chromosome number by half
- viii.** Intracellular enzymes work:
- (A) Outside the cell (B) Inside the cell (C) In the stomach only (D) In the bloodstream
- ix.** Which of the following best describes the process of reduction in an oxidation-reduction reaction?
- (A) Gain of hydrogen (B) Loss of hydrogen (C) Gain of neutrons (D) Loss of protons
- x.** Which of the following organism is most commonly associated with alcoholic fermentation?
- (A) Mushroom (B) Yeast (C) Algae (D) Protozoa
- xi.** Which of the following is a main cause of famine?
- (A) Equal distribution of food (B) Rapid increase in food supply (C) Rapid increase in population growth (D) Control of crop diseases
- xii.** Which process requires energy for root hair cells to absorb minerals from the soil?
- (A) Diffusion (B) Active transport (C) Osmosis (D) Capillary action

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