

BIOLOGY PAPER-I (NEW SCHEME)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 17

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 circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank. 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) Two kinds of spores are present:-
(A) Lycopodium (B) Selaginella (C) Adiantum (D) Anthoceros
- (2) Excretory system in arthropods is composed of:-
(A) Flame cells (B) Nephridia (C) Malpighian tubules (D) Nephrons
- (3) Sphenodon is found in:-
(A) Australia (B) Texas (C) New Zealand (D) Berlin
- (4) Molecular formula for chlorophyll 'b' is:-
(A) $C_{55}H_{72}O_5N_4Mg$ (B) $C_{55}H_{70}O_6N_4Mg$ (C) $C_{55}H_{70}O_5N_4Mg$ (D) $C_{56}H_{70}O_6N_4Mg$
- (5) End products of anaerobic respiration in yeast:-
(A) Lactic acid (B) Methyl alcohol (C) Ethyl Alcohol only (D) Ethyl Alcohol and CO_2
- (6) Enzyme that produces amino acids:-
(A) Trypsin (B) Erypsin (C) Chymotrypsin (D) Amino peptidases
- (7) Blood is not involved in transport of gas in:-
(A) Fish (B) Insects (C) Frog (D) Man
- (8) The normal pH of human blood is:- (A) 6.0 (B) 7.4 (C) 8.0 (D) 9.0
- (9) ____ is incorrect about guard cells. (A) Have chloroplasts
(B) Bean shaped (C) Connected to surrounding cells by plasmodesmata (D) Surrounds stoma
- (10) The lowest percentage of bioelements in man among the following is of:-
(A) Chlorine (B) Sulphur (C) Manganese (D) Iron
- (11) Conjugated histone proteins are:-
(A) Structural and Regulatory (B) Structural only (C) Regulatory only (D) Transport proteins
- (12) The enzyme with optimum pH = 7.60 is:-
(A) Arginase (B) Enterokinase (C) Catalase (D) Sucrase
- (13) Stroma is a fluid in the chloroplast:-
(A) Thylakoids (B) Matrix (C) Granum (D) Intergranum
- (14) Phylogeny describes a species:-
(A) Morphological similarities with other species (B) Evolutionary history
(C) Reproductive compatibilities with other species (D) Geographical distribution
- (15) Peptidoglycans absent in:-
(A) Eubacteria (B) Cyano bacteria (C) Archaeo bacteria (D) Gram negative bacteria
- (16) Actinopods with glassy shells are:-
(A) Rotifers (B) Radiolarians (C) Diatoms (D) Forams
- (17) Carcinogenic aflatoxins are produced by:-
(A) Aspergillus (B) Penicillium (C) Neurospora (D) Ustilago