

**BIOLOGY PAPER-II (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) The membrane that bounds vacuole is called:-  
(A) Epiblast (B) Tonoplast (C) Chloroplast (D) Hypoblast
- (2) Diffused nervous system is found in:-  
(A) Poriferans (B) Platyhelminthes (C) Cnidarians (D) Annelids
- (3) \_\_\_\_\_ is a long day plant.  
(A) Soyabean (B) Henbane (C) Tomato (D) Cucumber
- (4) Photoperiod affects flowering when shoot meristems start producing:-  
(A) Floral buds (B) Leaves (C) Lateral buds (D) Branches
- (5) The cavity formed between somatic and splanchnic mesoderm is:-  
(A) Archenteron (B) Hensen's node (C) Coelom (D) Neurocoel
- (6) The particular array of chromosomes that an individual possesses is called:-  
(A) Genotype (B) Phenotype (C) Wild type (D) Karyotype
- (7) Cancer is caused mainly by mutation in:-  
(A) Somatic cells (B) Malignant cells (C) Sex cells (D) Reproductive cells
- (8) During cell division the nuclear division is called:-  
(A) Cytokinesis (B) Karyokinesis (C) Karyotype (D) Plasmolysis
- (9) ABO blood group system was discovered by:-  
(A) Landsteiner (B) Levine (C) Bernstein (D) Waldayer
- (10) A full set of genes of an individual is called its:-  
(A) Genome (B) Gene pool (C) Genomic library (D) Recombinant DNA
- (11) A localized group of individuals belonging to the same species is called as:-  
(A) Community (B) Population (C) Ecosystem (D) Biosphere
- (12) Change in frequency of alleles at a locus that occurs by chance, is called:-  
(A) Mutation (B) Genetic drift (C) Migration (D) Selection
- (13) The biomes which has been increased in area by human activities:-  
(A) Grassland (B) Tundra (C) Desert (D) Coniferous forests
- (14) Establishment of new forests, where no forests existed before is called:-  
(A) Deforestation (B) Desertification (C) Reforestation (D) Afforestation
- (15) Mammalian kidney including human is adapted to conserve water up to:-  
(A) 69.5 % (B) 79.5 % (C) 89.5 % (D) 99.5 %
- (16) Fresh water protozoans pump out excess water by:-  
(A) Contractile vacuole (B) Food vacuole (C) Pinocytosis (D) Phagocytosis
- (17) The process of moulting is controlled by the nervous system and a hormone called:-  
(A) Aldosteron (B) Androgen (C) Ecdysone (D) Oxytocin