

BIOLOGY224-1st Annual-(INTER PART – II)

Time Allowed : 20 Minutes

Q.PAPER – II (Objective Type)

GROUP – I

Maximum Marks : 17

PAPER CODE = 8463

Note : Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1	Nervous system of hydra lacks : (A) Tentacle receptors (B) Superficial nerve net (C) Ganglia (D) Motor neurons
2	A set of three nucleotides on tRNA specifying a particular amino acid, is called : (A) Code (B) Genetic code (C) Codon (D) Anticodon
3	The oldest homologous structures are : (A) Gills (B) Lungs (C) Human ear muscles (D) Eyes
4	Which one of the following is not a nutritional disorder : (A) Kwashiorkor (B) Goitre (C) Scurvy (D) Osteoarthritis
5	The removal of salts and water by sweating is meant for : (A) Excretion (B) Osmoregulation (C) Thermoregulation (D) Both A and C
6	Ex-vivo gene therapy is used to treat children having : (A) SCID (B) AIDS (C) Cystic fibrosis (D) Both A and B
7	What is not true about sclerenchyma : (A) Lignin (B) Branched pits (C) Non-living (D) Elastic

(Turn Over)

(2)

1-8	A normal man whose father is albino, has married an albino woman. Which disorder other than albinism can occur in his children : (A) Protanopia (B) Leukemia (C) Deuteranopia (D) Both B and C
9	Grassland in tropical climate is called : (A) Prairies (B) Savanna (C) Pampas (D) Taiga
10	Root primordium develops root cambium, also called as : (A) Pericycle (B) Pith (C) Cortex (D) Both A and C
11	What is involved in ecdysis : (A) Nervous system (B) Ecdysone (C) Enzyme (D) All of these
12	In a nucleotide, Uracil is attached to pentose sugar at carbon No : (A) 3 (B) 2 (C) 1 (D) 5
13	Climacteric is associated with production of : (A) Ethene (B) Auxins (C) Cytokinin (D) Both A and C
14	Number of chromosomes in Turner's syndrome individual's cell is : (A) 45 + X (B) 44 + Y (C) 44 + X (D) 46 + X
15	Indicate the incorrect matching among the following : (A) Amygdala ↔ rage (B) Pons ↔ hunger (C) NAA ↔ fruit set (D) Auxins ↔ geotropism
16	A patient that lacks a gene coding for trans-membrane carrier of chloride ions, suffers from : (A) SCID (B) Cystic fibrosis (C) Cancer (D) Hodgkin's lymphoma
17	Which of the following is a macronutrient : (A) Iron (B) Iodine (C) Molybdenum (D) Phosphorus