

Inter (Part-II) 2019

Biology	Group-II	PAPER: II
Time: 20 Minutes	(OBJECTIVE TYPE)	Marks: 17

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- The phase of meiosis during which nuclei disappear in the cell is called:
- (a) Leptotene (b) Pachytene
(c) Diplotene (d) Diakinesis ✓
- 2- Photoperiod affects flowering when shoot meristems start producing:
- (a) Floral buds ✓ (b) Leaves
(c) Lateral buds (d) Both B and C
- 3- Patients of cystic fibrosis often die due to numerous infection of the:
- (a) Digestive tract (b) Respiratory tract ✓
(c) Reproductive tract (d) Excretory tract
- 4- The absorption of sodium in the ascending limb of the loop of Henle is controlled by a hormone known as:
- (a) Antidiuretic (b) Aldosterone ✓
(c) Progesterone (d) Testosterone
- 5- Agriculture was started some years ago:
- (a) 40,000 (b) 30,000
(c) 20,000 (d) 10,000 ✓
- 6- A blue light sensitive protein pigment found in plants is:
- (a) Cytochrome (b) Phytochrome ✓
(c) Photochrome (d) Florigen
- 7- The internal hydrostatic pressure in plants is:
- (a) Osmotic (b) Root
(c) Turgor ✓ (d) Solute

- 8- Among vertebrates uric acid is the chief nitrogenous waste in birds and:
- (a) Fishes (b) Amphibians
(c) Reptiles ✓ (d) Mammals
- 9- The most critical phase of mitosis is:
- (a) Prophase (b) Metaphase
(c) Anaphase ✓ (d) Telophase
- 10- In root nodules, the organisms present are:
- (a) Bacteria ✓ (b) Cyanobacteria
(c) Algae (d) Fungi
- 11- Walther Fleming first observed chromosomes in the dividing cells in the Larvae of:
- (a) Frog (b) Insect
(c) Sea Urchin (d) Salamander ✓
- 12- The disease caused due to destruction of adrenal cortex is:
- (a) Cushing (b) Diabetes
(c) Alzheimer (d) Addison ✓
- 13- Grassland ecosystem in Pakistan is found in:
- (a) Chilas (b) Chitral ✓
(c) Dir (d) Swat
- 14- The hormone which suppresses ovulation is:
- (a) Testosterone (b) Estrogen
(c) Progesterone ✓ (d) Gastrin
- 15- The stabbing pain in leg is:
- (a) Arthritis (b) Herniation
(c) Sciatica ✓ (d) Spondylosis
- 16- If there is 40% recombination frequency between two genes, then distance between them in unit map is:
- (a) 30 (b) 40 ✓
(c) 50 (d) 60
- 17- Principles of geology was published by:
- (a) Darwin (b) Lyell ✓
(c) Linnaeus (d) Lamarck