

Inter (Part-II) 2018

Biology	Group-I	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- **Bats and humming birds are called:**
(a) Ectotherms (b) Endotherms
(c) Heterotherms ✓ (d) Mesotherms
- 2- **Animals excreting urea are called:**
(a) Ureotelic ✓ (b) Ammonotelic
(c) Uricotelic (d) Excretotelic
- 3- **In plants, turgor pressure is generated by high osmotic pressure of the:**
(a) Vacuole ✓ (b) Cytoplasm
(c) Tonoplast (d) Cell membrane
- 4- **In plants, movement in response to stimulus of touch is called:**
(a) Phototactic (b) Chemotactic
(c) Nyctinasty (d) Thigmotropism ✓
- 5- **Which of the following receptors produce the sensation of pain?**
(a) Nociceptors ✓
(b) Chemoreceptors
(c) Pacinian corpuscles
(d) Mechanoreceptors
- 6- **In spermatophytes, important step in land adaptation is the evolution of:**
(a) Seed coat (b) Pollen tube ✓
(c) Fruit (d) Flower
- 7- **Soyabean is an example of, plants:**
(a) Short day ✓ (b) Long day
(c) Day neutral (d) Day independent

- 8- Which of the following chromosomal abnormalities lead to tallness, aggressiveness, mental defect and anti-social behaviour?
(a) XXY (b) XO
(c) XXXY (d) XYY ✓
- 9- Which of the following polymerase synthesize tRNA?
(a) RNA polymerase-I
(b) RNA polymerase-II
(c) RNA polymerase-III ✓
(d) DNA polymerase
- 10- The death of the cell due to tissue damage is called:
(a) Necrosis ✓ (b) Phagocytosis
(c) Metastasis (d) Apoptosis
- 11- A gene with multiple phenotypic effect is called:
(a) Polygenic ✓ (b) Multiple allele
(c) Epistatic (d) Pleiotropic
- 12- A collection of bacterial and phage viruses clones containing a particular segment of DNA from the source cell is called:
(a) Recombinant DNA
(b) Expressing system
(c) Genomic library ✓
(d) Genome
- 13- Meiosis occurs only in:
(a) Haploid cells
(b) Diploid cells ✓
(c) Triploid cells
(d) Pentaploid cells
- 14- How many types of finches did Darwin collect on Galapagos Island:
(a) 13 types ✓ (b) 20 types
(c) 25 types (d) 30 types
- 15- An association between organisms of different species in which one partner gets benefit and other is harmed:
(a) Mutualism (b) Symbiosis
(c) Parasitism ✓ (d) Commensalism

- 16- The arctic tundra stretches across Northern North America, Northern Europe and?
- (a) Cyprus (b) Siberia ✓
(c) Morocco (d) Nepal
- 17- The increase of environmental temperature due to high amount of CO₂ is known as:
- (a) Global warming ✓ (b) Acid rains
(c) Ozone depletion (d) Stone cancer

