

# Inter (Part-I) 2019

<b>Biology</b>	<b>Group-II</b>	<b>PAPER: I</b>
<b>Time: 20 Minutes</b>	<b>(OBJECTIVE TYPE)</b>	<b>Marks: 17</b>

**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- **Radiotherapy and chemotherapy are used in the treatment of:**
- (a) Fever (b) Cancer ✓  
(c) Dengue (d) Arthritis
- 2- **Total number of amino acids in insulin are:**
- (a) 51 ✓ (b) 141  
(c) 151 (d) 50
- 3- **The enzyme with optimum pH 5.50 is:**
- (a) Arginase (b) Sucrase  
(c) Pepsin (d) Enterokinase ✓
- 4- **The factory of ribosome is the:**
- (a) Nucleolus ✓ (b) Mitochondria  
(c) Chloroplast (d) Vacuole
- 5- **Pig could be the source of infection of hepatitis:**
- (a) A (b) B  
(c) E ✓ (d) C
- 6- **Cell wall is only absent in:**
- (a) E.Coli  
(b) Diplococcus pneumoniae  
(c) Hypomicrobium  
(d) Mycoplasma ✓
- 7- **Trypanosoma is an example of:**
- (a) Amoebae (b) Zooflagellates ✓  
(c) Ciliates (d) Foraminiferan
- 8- **Loose smut of wheat is caused by:**
- (a) Ustilago ✓ (b) Penicillium  
(c) Aspergillus (d) Alternaria

- 9- **The earliest group of vascular plants is:**  
(a) Lycopside (b) Sphenopsida  
(c) Psilopsida ✓ (d) Pteropsida
- 10- **Organ of voice in birds is called as:**  
(a) Syrinx ✓ (b) Larynx  
(c) Tongue (d) Pharynx
- 11- **Mammals become dominant in the:**  
(a) Ordovician period  
(b) Silurian period  
(c) Cenozoic period ✓  
(d) Devonian period
- 12- **In the first step of the citric acid cycle, acetyl-CoA reacts with oxaloacetate to form:**  
(a) Succinate (b) Rubisco  
(c) Malate (d) Citrate ✓
- 13- **Haem portion of haemoglobin is also a porphyrin ring but containing an iron instead of:**  
(a) Magnesium ✓ (b) Potassium  
(c) Sodium (d) Chlorine
- 14- **In human stomach, HCl is secreted by:**  
(a) Mucous cells (b) Oxyntic / parietal cells ✓  
(c) Zymogen cells (d) Chief cells
- 15- **Most elaborate and efficient respiratory system is present in:**  
(a) Man (b) Fish  
(c) Birds ✓ (d) Reptiles
- 16- **The left systemic arch disappears in:**  
(a) Mammals (b) Fish  
(c) Reptiles (d) Birds ✓
- 17- **Basophils produce a substance that inhibits blood clotting:**  
(a) Heparin ✓ (b) Platelets  
(c) Fibrinogen (d) Eosinophil