

Inter (Part-I) 2018

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| Biology | Group-II | PAPER: I |
| 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 single stranded RNA-tumor viruses are:**
(a) Spherical ✓ (b) Elongated
(c) Spiral (d) Cubical
- 2- **An ovule is an integumented in dehiscent:**
(a) Microsporangium (b) Megasporangium ✓
(c) Sporangium (d) Seed
- 3- **Thalassaemia is also called:**
(a) Cooley's anaemia ✓ (b) Thomas anaemia
(c) Peter's anaemia (d) Mendl's anaemia
- 4- **The heart of fishes is:**
(a) Single circuit ✓ (b) Double circuit
(c) Triple circuit (d) Multi-circuit
- 5- **The bioelements which account for 99% of the total mass in the human's body are:**
(a) Four (b) Six ✓
(c) Eight (d) Three
- 6- **Thylakoid membranes are involved in ATP synthesis by a process known as:**
(a) Photolysis (b) Glycolysis
(c) Chemiosmosis ✓ (d) Redox process
- 7- **An enzyme reacts only with its specific:**
(a) Surface (b) Product
(c) Substrate ✓ (d) Inhibitor
- 8- **The asexual reproduction in sponges is by:**
(a) Binary fission (b) Transverse fission
(c) Budding ✓ (d) Parthenogenesis

- 9- The enzyme that digest carbohydrates are:
(a) Lipase (b) Amylase ✓
(c) Pepsin (d) Erypsin
- 10- The classification of algae into phyla is largely based on the composition of:
(a) Cell wall (b) Cell membrane
(c) Cytoplasm (d) Pigments ✓
- 11- Hydrogen bonds between adenine and thymine are:
(a) Three ✓ (b) Four
(c) Five (d) Two
- 12- All fungal nuclei are haploid except for transient diploid:
(a) Spores (b) Zygote ✓
(c) Conidia (d) Zygosporangia
- 13- When cocci occur in pairs, their arrangement is:
(a) Tetrad (b) Diplococcus ✓
(c) Sarcina (d) Streptococci
- 14- *Ascaris lumbricoides* is an intestinal parasite of:
(a) Horse (b) Man ✓
(c) Donkey (d) Monkey
- 15- Robert Hooke reported his work in his famous publication known as:
(a) Micrographia ✓ (b) Biologia
(c) Zoologia (d) Britannica
- 16- Chloroplasts has a double membranous envelope that encloses dense fluid filled region known as:
(a) Matrix (b) Stroma ✓
(c) Thylakoid (d) Granum
- 17- Enlargement of spleen is seen in:
(a) Blood cancer (b) Thalassaemia ✓
(c) Odema (d) Hepatitis