

Objective  
Paper Code  
**6462**

Intermediate Part First - 004

**BIOLOGY (Objective) GROUP - II**

Time: 20 Minutes Marks: 17



Q.No.1

You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.

| S.# | Questions                                                                                     | A                              | B                     | C                          | D                    |
|-----|-----------------------------------------------------------------------------------------------|--------------------------------|-----------------------|----------------------------|----------------------|
| 1   | Branch of biology which deals with the study of distribution of animals in nature is called:  | Biogeography                   | Zoogeography          | Phytogeography             | Palaeontology        |
| 2   | Lipoproteins are structural framework of:                                                     | Chromosomes                    | Nucleoid              | Membranes                  | Chromatin            |
| 3   | During metabolic reactions, these substances can be used again and again:                     | Co-factor                      | Enzymes               | Enzymes and coenzymes      | Prosthetic group     |
| 4   | A lipoprotein membrane (crista) contains F1-Particles and different:                          | Nucleotides                    | RNA                   | Electron carriers          | Nucleoli             |
| 5   | CD <sub>4</sub> -receptor is present on:                                                      | Plasma cells                   | Helper T-cells        | B-Lymphocytes              | Natural killer cells |
| 6   | When a bacterium posses a single flagellum at one pole is termed as:                          | Atrichous                      | Lophotrichous         | Amphitrichous              | Monotrichous         |
| 7   | Entamoeba histolytica causes:                                                                 | Intestinal parasite            | Lung parasite         | Brain parasite             | Blood parasite       |
| 8   | Reindeer moss is a:                                                                           | Moss                           | Animal                | Lichen                     | Plant                |
| 9   | All seed producing plants are called:                                                         | Arthrophytes                   | Angiosperms           | Pteridophytes              | Spermatophytes       |
| 10  | Sponges are protandrous hermaphrodite because:                                                | Female sex cells develop first | Ovaries develop first | Sperms cells develop first | Testes develop first |
| 11  | A solid double ventral nerve cord is present in earthworm, hence earthworm is dissected from: | Ventral side                   | Dorsal side           | Lateral side               | Ventrolateral        |
| 12  | Pyruvate decarboxylase activity is inhibited by; optimal concentration of:                    | ATP                            | NAD <sup>+</sup>      | NADH                       | Citrate              |
| 13  | Two molecules of reduces NAD produces _____ molecules of ATP in respiratory chain.            | 3                              | 6                     | 4                          | 2                    |
| 14  | A neurotic disorder in slightly older girls is called:                                        | Anorexia nervosa               | Dyspepsia             | Obesity                    | Bulimia nervosa      |
| 15  | Emphysema is the breakdown of:                                                                | Bronchi                        | Alveoli               | Trachea                    | Bronchioles          |
| 16  | Highest blood pressure is in aorta is generated by contraction of:                            | Right ventricle                | Left atrium           | Right atrium               | Left ventricle       |
| 17  | During filling of heart chambers, walls of chambers are relaxed indicate:                     | Atrial diastole                | Cardiac diastole      | Ventricular systole        | Ventricular diastole |

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