

Presidency University

Department of Biological Sciences

Following are the information regarding the pattern of the Admission Test and Model questions .

- 1 Each of the applicant for admission to BSc (Hons) course in Biological Science will have to appear for the Common Test (S1) and Test for Biology (S4) as per the Tentative schedule at the website .
- 2 The Common Test will comprise of MCQ type questions from the 10 + 2 syllabus of Physics , Chemistry & Mathematics .
- 3 The test for Biology will comprise of MCQ type questions from the 10+2 syllabi of Biology .
- 4 Both the tests will be on-line .

Model Questions for the Biology Test (S4):

- 1 Which chlorophyll is most frequently found in all photosynthesizing plants ? (a) Chlorophyll a (b) Chlorophyll b (c) Chlorophyll c (d) Chlorophyll d.
- 2 Fat soluble vitamins involved in bone formation and blood clotting are (a) Vitamins C & K (b) Vitamins A & E (c) Vitamins B & K (d) Vitamins D & K .
- 3 The wings of a bird and the forelegs of a horse are (a) Vestigial organs (b) Analogous organs (c) Phylogenetic organs (d) Homologous organs.
- 4 In human male , the number of linkage groups in each cell will be (a) 22 (b) 23 (c) 24 (d) 25.
- 5 Nutrient enrichment of a lake will cause (a) Eutrophication (b) Stratification (c) Biomagnification (d) Bioaccumulation .
- 6 In woody dicots the periderm eventually replaces the (a) Epidermis (b) Phloem (c) Xylem (d) Apical meristem .
- 7 Unwinding of DNA is done by (a) Helicase (b) Topoisomerase (c) Ligase (d) Hexonuclease .
- 8 Coliform bacteria on fermentation of carbohydrates yields (a) Lactic acid (b) Acetic acid (c) Formic acid (d) All of these .