

CBSE -2004 CLASS XII BIOLOGY (Set-3)

General Instructions:

1. This question paper consists of four Sections A, B, C and D. Section A contains 5 questions of one mark each, Section B is of 10 questions of two marks each, Section C is of 10 questions of three marks each and Section D is of 3 questions of five marks each.
2. All questions are compulsory.
3. There is no overall choice. However, an internal choice has been provided in one question of 2 marks, one question of 3 marks and one question of 5 marks weightage. Attempt only one of the choices in such questions.
4. Question numbers 1 to 5 are to be answered in one word or one sentence each.
(v) Question numbers 6 to 15 are to be answered in approximately 20-30 words each.
5. Question numbers 16 to 25 are to be answered in approximately 30-50 words each.
6. Question numbers 26 to 28 are to be answered in approximately 80-20 wordy each.

Except for the following questions, all the remaining questions have been asked in [Set I](#) & [Set II](#)

SECTION - A

Q. 1. How does a shark differ from a telecost fish in the chemical nature of nitrogenous excretory wastes? **1**

SECTION - B

Q. 6. Where are Bowman's glands located in the nasal chamber? How does the secretion from these glands contribute in smelling? **2**

Q. 15. How is a disease-resistant plant selected for successful breeding? **2**

Or

Define germplasm. How is it maintained?

SECTION - D

Q. 28. Describe non-cyclic photophosphorylation in plants. **5**

Or

Explain the major steps in Krebs cycle. Where does this process occur in a cell?