

## CBSE -2004 CLASS XII BIOLOGY (Set-2)

### 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](#)

### SECTION A

**Q. 1.** How does saliva act in body defence? **1**

### SECTION - B

**Q. 6.** What is hydroponics? Give one application of this technique. **2**

**Q. 9.** Where are auxins synthesised in plants? Mention any two of their functions. **2**

**Q. 10.** Differentiate between mutualism and commensalism. **2**

**Q.13.** Name the different types of granulocytes Give the function, of the one which constitutes maximum percentage of the total leucocytes. **2**

**Q. 14.** Which gases cause stratospheric ozone depletion? What is the result of this depletion? **2**

**Q. 15.** Explain briefly how computed tomography (CT) helps the doctors in pinpointing the defects in patient's body **2**

Or

Name the cells that produce antibodies. Explain the main function of these coin pounds.

### **SECTION - C**

**Q. 23.** Define inbreeding. What is the danger of inbreeding? **3**

### **SECTION - D**

**Q. 26.** Explain the major steps of Glycolysis. Where does this process occur in a cell? **5**

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