

**MBS INTERNATIONAL SCHOOL
SECTOR 11, DWARKA
PRACTICE PAPER (2019-20)
CLASS XI
BIOLOGY**

Time: 1.5 hours

M. M: 35

General Instructions:

- *There are a total of 15 questions and four sections in the question paper. All questions are compulsory.*
- *Section A contains question numbers 1 to 5. They are very short answer type questions of one mark each.*
- *Section B contains question numbers 6 to 7. They are short answer type questions of two marks each.*
- *Section C contains question numbers 8 to 14. They are short answer type questions of three marks each.*
- *Section D contains question number 15. It is long answer type question of five marks.*

There is no overall choice in the question paper; however, an internal choice is provided in the question paper.

SECTION A

- | | | |
|---|--|---|
| 1 | What is the cover on the gills of Bony fish called? | 1 |
| 2 | What is the economic importance of <i>Indigofera</i> and to which family does it belong? | 1 |
| 3 | Where do you find chondriocytes? | 1 |
| 4 | Which plant hormone causes wilting of leaves? | 1 |
| 5 | Expand NADPH. | 1 |

SECTION B

- | | | |
|---|--|---|
| 6 | What is the significance of Malpighian tubules? What do you understand by paurometabolous development? | 2 |
| 7 | What is quiescent stage? How is it represented? | 2 |

SECTION C

- | | | |
|---|---|---|
| 8 | Briefly describe the three types of life cycles shown by the plants with examples | 3 |
| 9 | What is the technical term for sac fungi? Why is it so called? State its two characteristics. | 3 |

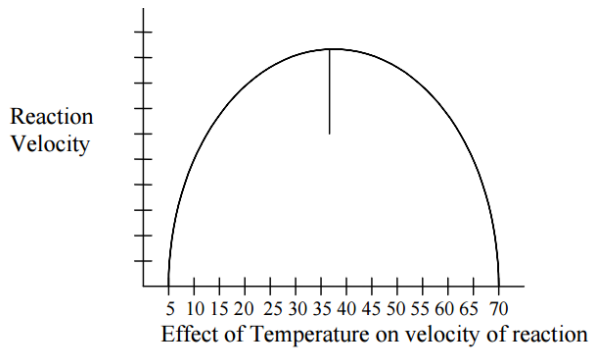
- 10 You are given 2 slides of T.S. of monocot and dicot stem. What are the characters which help you to identify them? 3

OR

What do the terms Phycobiont and Mycobiont signify? Why is their symbiotic association referred to as a pollution indicator?

- 11 Explain the formation of root nodules in a leguminous plant. 3

- 12 3



Looking at the graph above, at what temperatures, the enzymatic activity is maximum and minimum? Give reasons for the same.

- 13 What are the three types of animals based on the nitrogenous waste produced? Explain giving examples. 3
- 14 Identify the micronutrient of plant which helps in splitting of water to liberate oxygen during photosynthesis. How does the excess of this micronutrient induce the deficiency of other nutrients in plants? 3

SECTION D

- 15 Describe Prophase I of Meiosis I. Support with a neat labeled diagram. 5

OR

- Name the four types of Blood groups in human beings.
- What is the basis for such grouping?
- Which group is known as the universal donor?
- Which group is known as universal recipient?
- Name the blood groups that can be transfused into B group.