

BIOLOGY

2016

Time: 2 ½ Hours

Max. Marks: 68

SECTION "B" (SHORT-ANSWER QUESTIONS)

ZOOLOGY

(MARKS 21)

NOTE: Answer 7 questions from this section.

2. Draw a neat and labeled diagram of Dorsal view of heart of Frog.
3. Write three functions of blood.
4. Define Binary Fission and Multiple Fission.
5. Write differences between any one of the following:
(i) Arteries & Vein (ii) Anaemia and Haemophilia
6. What is Biology? Define any two branches of Biology.
7. Write the names of three Endocrine Glands and also write names of Hormones secreted by these glands.
8. Define and give one example of each of the following:
(i) Carnivores (ii) Herbivores (iii) Omnivores
9. Draw a neat and labeled diagram of the structure of a human tooth.
10. Write three differences between Prokaryotic cell and Eukaryotic cell.
11. Write three main points of Darwin's theory of Evolution.

BOTANY

(MARKS 21)

NOTE: Answer 7 questions from this section.

12. Write differences between any one of the following:
(i) Angiosperm and Gymnosperm
(ii) Respiration and Combustion
13. Define any two:
(i) Tactic movement (ii) Species (iii) Decomposers
14. Draw a neat and labeled diagram of Pitcher Plant (Insectivorous):
15. What is pollination? Write names of two type of pollination.
16. Write three points about importance of Transpiration for plants.
17. Draw a neat and labeled diagram of Chlamydomonas.
18. Write three points of importance of fungi.
19. Write short note on Flora of Pakistan.
20. Define the following:
(i) Osmosis (ii) Biogenesis (iii) Mitosis
21. Write the name of the four whorls of flower of Brassica

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