MODEL QUESTION PAPER
B.Sc. FOOD SCIENCE AND NUTRITION
II - Semester
DSC-2 Paper-1: HUMAN PHYSIOLOGY
(Effective from 2020-2021 admitted batches)

Time: 3 Hours

Max. Marks: 75

Part – A
Answer any FIVE from the following
5×5 =25 Marks
1. Anatomy and physiology of Nerve cell
2. Connective tissue
3. Blood groups
4. Hormones of Thyroid gland and their function
5. Menstrual cycle
6. Sense organs and their functions
7. Urine and its composition
8. Nerve cell and its functions

Part – B
Answer the Following Questions
All questions carry equal marks
5×10 = 50 Marks
9. With the help of labeled diagrams give a comparative account of structure and functions of prokaryotic and eukaryotic cells.
   OR
10. Draw labelled diagram of human digestive system and discuss its functional physiology.
    OR
12. With the neat labeled diagram explain the of human heart. Add note on cardiac cycle.
13. Explain the detailed process of respiration with the help of diagram.
    OR
18. Explain about the parts of the central nervous system. Add note on transmission of impulses.

OR

17. Explain the structure and functions of kidney. Give a detailed account of formation of urine and excretion.

16. Explain about the structure and functions of eye with diagram.

OR

15. What is reproduction? Explain the functional physiology human female reproductive system in menstruation and pregnancy.