

U.G. 4th Semester Examination - 2021**FOOD & NUTRITION****[HONOURS]****Skill Enhancement Course (SEC)****Course Code : F&N-H-SEC-T-2(B)**

Full Marks : 20

Time : 1 Hour

*The figures in the right-hand margin indicate marks.**Candidates are required to give their answers in their own words as far as practicable.*

1. Answer any **five** questions: $1 \times 5 = 5$
- a) What is Active immunity?
 - b) What is Natural Killer Cells?
 - c) State the specific characteristic feature of IgM.
 - d) What is Organophosphate?
 - e) What is biomagnification?
 - f) What is BOD?
 - g) What is LD_{50} ?
 - h) What is bioaccumulation?

2. Answer any **one** question: $5 \times 1 = 5$
- a) What are innate immune cells? State their functions.
 - b) Differentiate between BOD and COD with examples.
 - c) Draw and describe the structure of IgG.
3. Answer any **one** question : $10 \times 1 = 10$
- a) Classify different types of T cells and mention their functions briefly. $3 + 7 = 10$
 - b) Differentiate between avian and aquatic toxicology. State the toxic effects of DDT in food chain. $4 + 6 = 10$
 - c) Discuss the management procedure of poisoned patients. 10
