



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 5th Semester Examination, 2023-24



FNTADSE03T-FOOD AND NUTRITION (DSE1/2)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.*

Answer any four questions from the following

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| | 10×4 = 40 |
| 1. (a) Why do you think pest and rodent control is essential? | 2+3+2+3 |
| (b) Suggest how pest pose a threat to the maintenance of hygienic surroundings. | |
| (c) Give few preventive measures for pest and rodent control. | |
| (d) Give any two ways of hygienic waste disposal. | |
| 2. (a) What are cleaning agents? | 2+3+5 |
| (b) Classify cleaning agents providing suitable examples. | |
| (c) Describe Iodophors and Quaternary Ammonium Compounds (QUATS). | |
| 3. (a) Define food poisoning. | 2+3+2+3 |
| (b) What is meant by food borne diseases? Classify food borne diseases. | |
| (c) List four common foods implicated in the outbreak of staphylococcal poisoning. | |
| (d) Give few preventive measures to inhibit the multiplication of Staphylococcus, B. cereus and C. botulinum. | |
| 4. Write short notes on: (any two) | 5×2 = 10 |
| (a) Shigellosis (Bacillary dysentery) | 5 |
| (b) Clostridium perfringens Gastroenteritis | 5 |
| (c) Cholera. | 5 |
| 5. Write briefly on Sanitation and Hygiene. How can you differentiate them? | 4+4+2 |
| 6. Distinguish between: | 5+5 |
| (a) Food borne infection and Food borne intoxication | |
| (b) Endotoxin and Exotoxin. | |
| 7. What do you mean by Food Safety? Discuss the factors affecting Food Safety. What is meant by Food Safety management? | 3+5+2 |
| 8. Write short notes on: | 3+3+4 |
| (a) GMP | |
| (b) GHP | |
| (c) Pest Control Management. | |
| 9. What is hazard? Explain with suitable examples the different types of hazards. How do harmful products enter into the food? | 2+6+2 |

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