



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 4th Semester Examination, 2023

FNTACOR09T-FOOD AND NUTRITION (CC9)

EPIDEMIOLOGY AND PUBLIC HEALTH

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.*

Answer any four questions from the following

10×4 = 40

1. (a) How can we prevent or control communicable diseases? 6+4
(b) Name any four disease causing viruses that spread through drinking water in human beings.
2. (a) What is MMR? 2+5+3
(b) Explain the causes of IMR.
(c) How can the IMR be lowered?
3. (a) Describe the process of purification of water for drinking purposes. 6+4
(b) Briefly discuss about solid waste management.
4. Write short notes on: 5+5
Shigellosis, Indoor air pollution.
5. (a) Describe the National Immunization Schedule for an infant. 4+2+4
(b) What is booster dose?
(c) What is Food Poisoning?
6. What is food-borne disease? Explain. Write short notes on Botulism and food poisoning due to Salmonella. 3+4+3
7. What are the health advices that are given to foreign travellers? Write short notes on prevention measles and mumps. 4+3+3
8. Explain the importance of water. Write a short note on safe drinking water. Discuss about the purification of water on small household scale. 3+3+4
9. (a) Explain the terms: (3+3)+4
(i) COD
(ii) Biomedical Waste Management.
(b) Write a note on mode of transmission of disease.

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