

**WEST BENGAL STATE UNIVERSITY**

B.Sc. Honours 4th Semester Examination, 2021

FNTACOR09T-FOOD AND NUTRITION (CC9)

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) What is Immunization? 2
 (b) Give brief description on the National Immunization Schedule for an infant. 4
 (c) Write down the hazards of improper immunization. 2
 (d) What is booster dose? 2
2. (a) Define positive health. 2
 (b) Discuss about the determinants of health. 4
 (c) IMR and its significance. 4
3. What is health? Discuss the demerits of the definition. What are its dimensions? 2+4+4
4. (a) What is MMR? 2
 (b) What are the causes of neonatal mortality? 4
 (c) What is meant by vital statistics? Explain. 4
5. (a) What is 'safe drinking water'? 2
 (b) Briefly discuss about purification of water in large scale as well as in small scale. 4+4
6. Write short notes on: (any *two*) 5×2 = 10
 (a) Measures to prevent water pollution
 (b) Transmission of disease by direct contact
 (c) Census of India.
7. (a) Discuss about health advice to foreign travellers. 5
 (b) Coronavirus spreads by droplet infection. Justify. 5

8. Define epidemic and pandemic. Is there any relation between nutritional status and immunity? What do you mean by the term 'slow sand filtration'? Briefly discuss the process of slow sand filtration. 3+2+2+3
9. (a) Describe the host-agent-environment relationship in the causation of a disease. 5
- (b) Name the major and minor dimensions of health. Briefly discuss about any two major dimensions of health. 1+2+2

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

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