



**WEST BENGAL STATE UNIVERSITY**

B.Sc. Honours Part-II Examination, 2020

**FOOD AND NUTRITION**

**PAPER: FNTA-III**

Time Allotted: 2 Hours

Full Marks: 50

*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.*

**UNIT-I**

**COMMUNITY NUTRITION**

1. Answer any **four** questions from the following: 1×4 = 4
  - (a) Define the term 'Community Health'.
  - (b) Mention two significances of Clinical examination.
  - (c) Differentiate between signs and symptoms.
  - (d) Write down the full forms of WHO and UNICEF.
  - (e) What is dental fluorosis?
  - (f) Mention two objectives of nutrition education.
  - (g) What is 'Road-to-Health' chart?
  - (h) Write two specific objectives of MDMP.
  
2. Write short notes on any **three** of the following: 3×3 = 9
  - (a) Relationship between poverty and malnutrition
  - (b) Iodine deficiency disorders
  - (c) Triple A cycle
  - (d) ICDS
  - (e) ICMR and its activity
  - (f) PEM.
  
3. Answer any **one** question from the following: 12×1 = 12
  - (a) Define community in the context of food and nutrition. Distinguish between rural and urban community. Describe the factors affecting the health of a community. 2+4+6
  
  - (b) Mention three uses of nutrition surveillance system. Discuss about the importance of Diet survey. Discuss any two methods of diet survey along with its advantages and limitations. 3+3+6

- (c) What do you mean by nutritional status? Describe the principle and procedure of one direct and one indirect method of nutritional assessment of your choice. 2+5+5
- (d) How nutritional anaemia can be diagnosed by using clinical assessment method? Discuss the sign and symptoms of iron deficiency and vitamin A deficiency. 4+4+4

## UNIT-II

### PUBLIC HEALTH AND EPIDEMIOLOGY

4. Answer any **four** questions from the following: 1×4 = 4
- (a) Define the term 'Infection'.
  - (b) What do you mean by immunity?
  - (c) What is sullage?
  - (d) Name the causative agent of typhoid fever.
  - (e) Define crude birth rate.
  - (f) What is window period?
  - (g) What is IMR?
  - (h) What is morbidity?
5. Write short notes on any **three** of the following: 3×3 = 9
- (a) Demographic studies
  - (b) Food poisoning
  - (c) Vital health statistics
  - (d) Large scale water purification
  - (e) Herd immunity
  - (f) Epidemic and pandemic.
6. Answer any **one** question from the following: 12×1 = 12
- (a) Describe the immunization schedule recommended in our country. What is booster dose? Write a note on pulse polio programme. Explain your idea about adult vaccination. 4+2+4+2
  - (b) What is vector borne disease? Name three such diseases. Write a note on prevention of dengue. 3+3+6
  - (c) What is portable water? Explain your idea about water borne diseases. Name two such diseases. Define BOD and COD. 2+4+2  
+(2+2)
  - (d) Name three viral diseases. Can you suggest a few general precautionary measures for prevention of spread of viral diseases? Can you suggest a general dietary guideline that may reduce chance of any viral infection of your choice? Write a note on significance of travel advisory. 3+3+4+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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