



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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