1312N963 Candidate's Seat No :_____

BSc (Hons) FNS Sem.-3 (NEP) Examination
DSC_C_232_T
Nutritional Epidemiology and Public Health Nutrition
Time : 2-00 Hours]   December-2024   [Max. Marks : 50

Question 1 Write the following

(i) Enlist the types of community & how it affects community health. (5 Marks)

(ii) What is secondary data? What is vital statistics? Explain the process of vital statistics system. (5 Marks)

OR

(i) Write the definition of health given by WHO. Explain any three dimensions of health. (5 Marks)

(ii) Explain the physical & mental dimension of health & how to evaluate them? (5 Marks)

Question 2 Write the following

(i) What are "clinical signs"? Enlist the interpretation of general clinical signs observed in protein and vitamin deficiencies. (5 Marks)

(ii) What are the various ways in which dietary intake can be assessed in an individual? (5 Marks)

OR

(i) What is the importance of clinical examination? Discuss the clinical signs observed in hair, skin, and nails. (5 Marks)

(ii) Discuss the concept of consumption unit. How can we employ this concept to evaluate individual and total food distribution in a family? Explain with the help of an example. (5 Marks)

Question 3 Write the following

(i) Why is anthropometry essential in the field of nutrition and health? (5 Marks)

(ii) What are growth reference standards, and why are they crucial for assessing nutritional status? (5 Marks)

OR

(i) What challenges are commonly faced when conducting anthropometric measurements in remote areas? (5 Marks)

(ii) How does nutritional anthropometry contribute to public health programs? (5 Marks)

Question 4 Write the following

(i) What is VAD? What are the causes and treatment of vitamin A deficiency? (5 Marks)

(ii) What is Anaemia? Explain its sign, symptoms and treatment strategy in detail. (5 Marks)

OR

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(i) Define nutritional problems. What are the causes of nutritional problems in India? (5 Marks)

(ii) What is PEM. Explain its classification in detail. (5 Marks)

Question 5 **Attempt any ten out of fifteen** (10 Marks)

(i) Write about Vocational dimension of health?

(ii) What is general fertility rate?

(iii) Which are the important sources of vital statistics in India?

(iv) Define Community & Health.

(v) Define Koilonychia.

(vi) What is retinal field defect?

(vii) What clinical signs are observed in protein deficiency?

(viii) Define glossitis and angular stomatitis.

(ix) What is the normal range of head circumference for a 6-month-old infant?

(x) Define Anthropometry.

(xi) What are two common tools used for measuring height in anthropometric assessments?

(xii) What does a small chest circumference indicate?

(xiii) The main source of fluoride in India is _____.

(xiv) A liquid preparation of vitamin A in oil providing _____ (in 2 ml) is given to every child between the ages of 1 and 5 years.

(xv) Write the full form of NNAPP.