



বিদ্যাসাগর বিশ্ববিদ্যালয়  
**VIDYASAGAR UNIVERSITY**  
**Question Paper**

**B.Sc. Honours Examinations 2020**

(Under CBCS Pattern)

**Semester - V**

**Subject : NUTRITION**

**Paper : C 11-T**

**Public Health and Hygiene**

**Full Marks : 60 (Theory - 40 + Practical - 20)**

**Time : 3 Hours**

*Candidates are required to give their answers in their own words as far as practicable.*

*The figures in the margin indicate full marks.*

**[Theory]**

Answer any two questions from the following :

2×20

1. (a) Write the Rules and regulations of FASSAI in food safety.
- (b) Briefly describe the mode of action and clinical manifestation of botulism?
- (c) Write on any four natural plant toxins and their toxicity?
2. (a) Discuss the roles of Asha in Primary health care?
- (b) What is HACCP? What are the seven steps of HACCP?
- (c) Write the prevention and control of viral hepatitis.
- (d) Differentiate food borne infection and intoxication.

3. (a) What do you mean by biogenic amines?
- (b) Explain any two sanitary methods of Municipal Solid Waste disposal.
- (c) Briefly describe about the water purification process.
- (d) Discuss about water borne infection.
4. (a) Shortly explain the different stages of demographic cycle.
- (b) What are the levels of health care delivery system in a developing country?
- (c) State the factors affecting fertility.
- (d) Discuss briefly about different family planning methods.

**[Practical]**

Answer any one question from the following :

1×20

1. Write briefly about protein under nutrition and its recovery.
  2. Discuss about dietary management of any one non-communicable disease.
  3. Write about the nutrition education on awareness development in the field of personal health.
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