

GUJARAT TECHNOLOGICAL UNIVERSITY

B. Pharm. – SEMESTER – III • EXAMINATION – WINTER • 2015

Subject Code: 2230005

Date: 08-01-2016

Subject Name: Health Education and Community Health

Time: 10:30 am - 01:30 pm

Total Marks: 80

Instructions:

- 1. Attempt any five questions.**
- 2. Make suitable assumptions wherever necessary.**
- 3. Figures to the right indicate full marks.**

- Q.1** (a) Discuss the causative agent, mode of transmission, symptoms and prevention of Tuberculosis. **06**
- (b) Explain Nosocomial infections and food poisoning. Discuss the steps taken to prevent each. **05**
- (c) Discuss in brief the epidemiological triad. **05**
- Q.2** (a) Classify Vitamins citing their chemical name. Discuss the functions, sources and diseases of Vitamin A and Vitamin D. **06**
- (b) Enlist arthropod borne infections citing the causative organism in each case. Discuss the methods for control and prevention of these infections. **05**
- (c) Explain in brief Balanced diet and Food guide Pyramid. **05**
- Q.3** (a) Classify diseases with at list two examples of each. **06**
- (b) What is health? Discuss the various determinants of Health. **05**
- (c) Discuss in brief various Indicators of health. **05**
- Q.4** (a) What are STD's? Discuss in brief about Syphilis. **06**
- (b) Explain essential amino acids giving examples (atleast 5). Discuss the functions of proteins in the body. **05**
- (c) Explain the concept of macro and micro minerals with example. Give the sources, functions and deficiency disease associated with Calcium and Iodine. **05**
- Q.5** (a) Explain the following in brief: (any two) **06**
1. Demography cycle 2. Levels of health care 3. Siderosis
- (b) Describe the elements and principles of primary health care. **05**
- (c) Classify lipids. Give the functions, sources and diseases related to lipids. **05**
- Q. 6** (a) Discuss the emergency treatment of snake-bite and fractures. **06**
- (b) Enlist the types of shock. Discuss Anaphylactic shock in detail. **05**
- (c) Write about the occupational hazards of agricultural workers. What is farmer's lung? **05**
- Q.7** (a) Discuss the causative agent, mode of transmission, symptoms and prevention of Amoebiasis and Typhoid. **06**
- (b) Discuss the concepts of prevention and control of disease. **05**
- (c) Enumerate different epidemiological methods. Discuss in brief longitudinal and cross sectional studies. **05**
