

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – III • EXAMINATION – SUMMER • 2015

Subject Code: 2230005

Date: 15-06-2015

Subject Name: Health Education and Community Health

Time: 02:30 pm To 05:30 pm

Total Marks: 80

Instructions:

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

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| 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 related to Vitamin C and Vitamin K. | 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 example. Write in brief about causative agent and steps for prevention of AIDS. | 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 (at least four). 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 three)
1. Demography cycle 2. Levels of health care 3. Siderosis | 06 |
| | (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 |
