

**GUJARAT TECHNOLOGICAL UNIVERSITY**  
**B.Ph. / M. Ph. / D.Ph. - SEMESTER-I • EXAMINATION – WINTER-2016**

**Subject Code: 410006****Date: 27/10/2016****Subject Name: Health Education & Community Pharmacy****Time: 10:30 AM TO 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.

- |            |     |  |           |
|------------|-----|--|-----------|
| <b>Q.1</b> | (a) | Define health and mental health. Enumerate commonly adopted health indicators and discuss any two in detail.         | <b>06</b> |
|            | (b) | What do you mean by First aid? Write its objectives. Enlist various items to be included in First aid box.           | <b>05</b> |
|            | (c) | Write about first aid treatment of burns.  | <b>05</b> |
| <b>Q.2</b> | (a) | What is food? Classify food on the basis of nutritive value and predominant function.                                | <b>06</b> |
|            | (b) | Discuss deficiency disorders due to lack of Vitamin B <sub>1</sub> and Vitamin B <sub>2</sub> .                      | <b>05</b> |
|            | (c) | Write functions of mineral Calcium, Iodine, Iron and Fluorine.   | <b>05</b> |
| <b>Q.3</b> | (a) | Classify contraceptive methods. Write in detail about hormonal methods of contraception.                             | <b>06</b> |
|            | (b) | Discuss various methods used for water purification.   | <b>05</b> |
|            | (c) | Define demography. Explain demographic cycle.  | <b>05</b> |
| <b>Q.4</b> | (a) | Define Microbiology. Classify bacteria according to their shape and arrangement.                                     | <b>06</b> |
|            | (b) | Enlist various staining methods. Differentiate between simple staining and negative staining.                        | <b>05</b> |
|            | (c) | Explain life cycle of Malarial parasites.  | <b>05</b> |
| <b>Q.5</b> | (a) | Write clinical symptoms and treatment of Influenza, Cholera and Measles.   | <b>06</b> |
|            | (b) | Discuss modes of transmission of disease.  | <b>05</b> |
|            | (c) | Write brief note on food poisoning.  | <b>05</b> |
| <b>Q.6</b> | (a) | Enlist various sexually transmitted diseases. Write causative agents, Mode of transmission and Symptoms of Syphilis. | <b>06</b> |
|            | (b) | Discuss types, symptoms and preventive measures of Diabetes Mellitus.  | <b>05</b> |
|            | (c) | Define Ischemic heart disease. Write causes and prevention of Ischemic heart disease.                                | <b>05</b> |
| <b>Q.7</b> | (a) | Explain the following terms: Incubation period, Hospital acquired Infection, Contamination, infection, Vector.       | <b>06</b> |
|            | (b) | Define Epidemiology. Discuss uses of Epidemiology.   | <b>05</b> |
|            | (c) | Define disinfection. Explain methods of physical disinfection.   | <b>05</b> |

\*\*\*\*\*