

GUJARAT TECHNOLOGICAL UNIVERSITY**D.Ph. - SEMESTER-I • EXAMINATION – SUMMER 2013****Subject Code: 410006****Date: 22-05-2013****Subject Name: Health Education and Community Pharmacy****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 first-aid treatment for fractures and snake-bite. **06**
(b) Explain health effects of noise. How will you control the noise? **05**
(c) Write a note on measurements of fertility. **05**
- Q.2** (a) Write causative agent, mode of transmission and prevention and treatment for malaria. **06**
(b) Discuss the causes, risk factors and prevention of hypertension. **05**
(c) Give the classification of the disease agents. **05**
- Q.3** (a) Write a brief note on Cardio-Pulmonary Resuscitation (CPR). **06**
(b) Discuss the permanent sterilization method (Vasectomy) for males. **05**
(c) Enumerate dimensions of health. Write a note on mental dimensions of health. **05**
- Q.4** (a) Write sources and diseases occurred due to deficiency of the following: **10**
(I) Vitamin A (II) Vitamin C (III) Calcium (IV) Iron (V) Protein
(b) Explain the purification of water on small scale. **06**
- Q.5** (a) What is epidemiology? Write a note on various epidemiological measurements. **10**
(b) Name various determinants of health. Give a brief note on biological determinants of health. **06**
- Q. 6** (a) Explain pre-pathogenesis and pathogenesis phase in the natural history disease. **10**
(b) Classify food on the basis of nutritive value. Write a note on balanced diet. **06**
- Q.7** (a) Discuss the modes of transmission of the disease. **10**
(b) Classify bacteria based on their shape and arrangement. **06**
