

Seat No.: \_\_\_\_\_

Enrolment No. \_\_\_\_\_

## 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.    | <b>06</b> |
| (b) | Explain health effects of noise. How will you control the noise? | <b>05</b> |
| (c) | Write a note on measurements of fertility.                       | <b>05</b> |
- Q.2**
- |     |   |           |
|-----|---|-----------|
| (a) | Write causative agent, mode of transmission and prevention and treatment for malaria. | <b>06</b> |
| (b) | Discuss the causes, risk factors and prevention of hypertension.                      | <b>05</b> |
| (c) | Give the classification of the disease agents.  | <b>05</b> |
- Q.3**
- |     |  |           |
|-----|--|-----------|
| (a) | Write a brief note on Cardio-Pulmonary Resuscitation (CPR).                  | <b>06</b> |
| (b) | Discuss the permanent sterilization method (Vasectomy) for males.            | <b>05</b> |
| (c) | Enumerate dimensions of health. Write a note on mental dimensions of health. | <b>05</b> |
- Q.4**
- |     |   |           |
|-----|---|-----------|
| (a) | Write sources and diseases occurred due to deficiency of the following:<br>(I) Vitamin A (II) Vitamin C (III) Calcium (IV) Iron (V) Protein | <b>10</b> |
| (b) | Explain the purification of water on small scale.   | <b>06</b> |
- Q.5**
- |     |  |           |
|-----|--|-----------|
| (a) | What is epidemiology? Write a note on various epidemiological measurements.                  | <b>10</b> |
| (b) | Name various determinants of health. Give a brief note on biological determinants of health. | <b>06</b> |
- Q. 6**
- |     |   |           |
|-----|---|-----------|
| (a) | Explain pre-pathogenesis and pathogenesis phase in the natural history disease. | <b>10</b> |
| (b) | Classify food on the basis of nutritive value. Write a note on balanced diet.   | <b>06</b> |
- Q.7**
- |     |   |           |
|-----|---|-----------|
| (a) | Discuss the modes of transmission of the disease.       | <b>10</b> |
| (b) | Classify bacteria based on their shape and arrangement. | <b>06</b> |

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