

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
D. Pharm. – SEMESTER – I • EXAMINATION – WINTER • 2014

Subject Code: 410006

Date: 05-01-2015

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.**

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|-------------|--|-----------|
| Q.1 | (a) What is health? Discuss in detail individual factors determining health | 06 |
| | (b) Discuss in detail morbidity and mortality indicators of health | 06 |
| | (c) What is disease? Explain in brief prepathogenesis phase of disease | 04 |
| Q.2 | (a) Write a note on fat soluble vitamins | 06 |
| | (b) Write functions of mineral calcium, iodine, iron and phosphorus | 06 |
| | (c) Discuss in brief about deficiency diseases of protein | 04 |
| Q.3 | (a) Define demography. Explain stages of demographic cycle | 06 |
| | (b) Explain in brief permanent method of contraception | 06 |
| | (c) What is first aid? List out components of first aid box. | 04 |
| Q.4 | (a) Describe in brief cardiopulmonary resuscitation(CPR) | 06 |
| | (b) Explain the rule of nine in severity of burns along with first aid treatment of burns | 06 |
| | (c) Write a short note on epidemiology | 04 |
| Q.5 | (a) Enlist various staining methods for microbes and explain gram staining method | 06 |
| | (b) Enlist different STDs. Explain clinical symptoms and prevention measures of AIDS | 06 |
| | (c) Classify the bacteria according to shape and arrangement of bacterial cell | 04 |
| Q. 6 | (a) Write clinical symptoms and treatment of
i) Malaria ii) Cholera iii) Typhoid | 06 |
| | (b) Explain mode of transmission and prevention-treatment of Tuberculosis | 06 |
| | (c) Explain life cycle of malarial parasite | 04 |
| Q.7 | (a) Describe types, symptoms and preventive measures of Diabetes mellitus | 08 |
| | (b) Discuss in brief risk factors of cancer | 04 |
| | (c) Explain etiology of hypertension | 04 |
