

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B. Pharm. – SEMESTER – III • EXAMINATION – SUMMER • 2014

Subject Code: 2230005

Date: 12-06-2014

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) Define health indicators. Explain in detail mortality and morbidity indicators. | 06 |
| | (b) Write a short note on iceberg of disease. | 05 |
| | (c) Explain different levels of health care. | 05 |
| Q.2 | (a) Define disease. Describe natural history of disease with reference to epidemiological triad. | 06 |
| | (b) Explain uses of epidemiology. | 05 |
| | (c) Define and classify communicable diseases with examples. | 05 |
| Q.3 | (a) What is occupational hazard? Explain medical measures for prevention of occupational diseases. | 06 |
| | (b) Describe life cycle of malarial parasites. Write preventive measures for malaria. | 05 |
| | (c) Define following terms (any five): | 05 |
| | i) Contagious ii) Eradication iii) Pandemic iv) Rehabilitation | |
| | v) Zoonosis vi) Disability | |
| Q.4 | (a) Write a short note on any two: | 06 |
| | i) Protein Energy Malnutrition | |
| | ii) Nosocomial infections | |
| | iii) Stages of demographic cycle | |
| | (b) Write a short note on poliomyelitis. What is vaccine vial monitors (VVM)? | 05 |
| | (c) Describe causative agents, symptoms and prevention of food poisoning. | 05 |
| Q.5 | (a) Define and classify food. Discuss dietary fibers. | 06 |
| | (b) Explain source, functions and deficiency of iron and calcium. | 05 |
| | (c) Write a note on food guide pyramid. | 05 |
| Q. 6 | (a) Define resuscitation. Describe technique of cardio-pulmonary resuscitation. | 06 |
| | (b) Enlist water soluble vitamins. Write functions and deficiency of vitamin B ₁₂ . | 05 |
| | (c) Write a short note on Typhoid. | 05 |
| Q.7 | (a) Describe causative organism, mode of transmission, prevention of followings: | 06 |
| | i) Chicken pox ii) Dengue | |
| | (b) Define first aid. Explain symptoms and emergency management of snake bite. | 05 |
| | (c) Discuss briefly about sexually transmitted diseases. | 05 |
