

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. - SEMESTER-III • EXAMINATION – WINTER 2019**Subject Code: 2230005****Date: 16/11/2019****Subject Name: Health Education and Community Health****Time: 10:30AM TO 01:30PM****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) Define Health. Discuss in detail determinants of health. **06**
(b) Explain spectrum of disease with suitable examples. **05**
(c) Write a note on preventive measures of occupational hazards with examples. **05**
- Q.2** (a) Define following terms (any five): **06**
i) Chronic disease ii) Endemic iii) Zoonotic iv) Birth control
v) Hygiene vi) Non-communicable disease
(b) Enlist various epidemiological methods. Compare analytical and experimental studies. **05**
(c) What is Demography? Explain phases of demography cycle. **05**
- Q.3** (a) Explain various Indicators of health. **06**
(b) Discuss interactions of agent, host and environmental factors in disease causation. **05**
(c) Describe causative organism transmission and symptoms of followings: **05**
i) Whooping Cough ii) Malaria
- Q.4** (a) Discuss the emergency treatment of burns and snake-bite. **06**
(b) Write principles of primary health care. **05**
(c) Explain mortality and morbidity indicators and state their importance. **05**
- Q.5** (a) Write causative agent, mode of transmission and symptoms of tuberculosis. Briefly Explain about DOTS. **06**
(b) Write a short note on: **05**
i) Nosocomial infections ii) Vitamin A deficiency
(c) Write a note on classify communicable diseases with examples. **05**
- Q.6** (a) Write causative agent, mode of transmission, symptoms and prevention of; **06**
i) Poliomyelitis ii) Plague
(b) Discuss causative agents, symptoms and prevention of food poisoning. **05**
(c) Write sources, functions and deficiencies of water soluble vitamins. **05**
- Q.7** (a) What is macro and micro minerals? Explain source, functions and deficiency of iron and iodine. **06**
(b) Classify food. Write a note on dietary fats related disorders. **05**
(c) Write causative agent, mode of transmission and prevention and control of AIDS. **05**
