

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
Diploma Pharmacy First Year Remedial Examination September 2009

Subject code: 410006

Subject Name: Health Education & community Pharmacy

Date: 22/09/2009

Time: 02:30Pm-5:30pm

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 Microbiology. Classify bacteria according to their shape **05**
 - (b) Enlist various staining techniques. Describe staining method for acid fast bacteria. **05**
 - (c) Describe the structure of bacterial cell with the help of diagram. **06**
- Q.2**
- (a) Distinguish communicable and non-communicable diseases. **05**
 - (b) Discuss the role of pharmacist in health care programme. **05**
 - (c) What is diabetes mellitus? Discuss in detail about it. **06**
- Q.3**
- Write short notes on followings
- (a) Cancer **05**
 - (b) Concept of diseases **05**
 - (c) First aid treatment of poisoning **06**
- Q.4**
- (a) Justify the statement "Mineral salts are essential for all body processes" **05**
 - (b) Discuss the role of calcium with respect to need of body. **05**
 - (c) Write a note on Cardiopulmonary resuscitation. **06**
- Q.5**
- (a) What are arthropod born diseases? Enlist them. Write the cause and mode of transmission of each disease. **05**
 - (b) Describe the life cycle of Plasmodium species. **05**
 - (c) Define Pharmacoepidemiology. Write a note on epidemiology. **06**
- Q. 6**
- (a) Enlist infectious diseases. Write causative microorganism, sign and symptoms of any five water born diseases. **05**
 - (b) Write a note on sexually transmitted diseases. **05**
 - (c) Write signs, symptoms, diagnosis and treatment of Tuberculosis. **06**
- Q.7**
- Discuss in detail about followings.
- (a) Mental Health. **05**
 - (b) Family Planning. **05**
 - (c) Air Pollution. **06**
