

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

Diploma Pharmacy (First Year) - Examination –May/June- 2011

Subject code: 410006

Subject Name: Health Education & Community Pharmacy

Date:01/06/2011

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) Enumerate various indicators of Health, discuss mortality indicator in detail. **06**
(b) Write all the modes of transmission of Communicable diseases. **05**
(c) Write the conditions and methods for providing first aid by Cardio-Pulmonary Resuscitation (CPR). **05**
- Q.2** (a) Write classification of birth control methods, Write in detail on Intrauterine Contraceptive Devices. **06**
(b) Write the methods of isolation of pure culture of micro-organisms. **05**
(c) Write the causes and names of sexually transmitted diseases(STD); write the general methods for prevention of STD. **05**
- Q.3** (a) Write the classification of Immunizing agents, Write the National Immunizing Schedule. **06**
(b) Write the causative agent, pathogenesis and treatment of Tuberculosis. **05**
(c) Define balance diet; write the importance and diseases caused by deficiency of Protein and Vit.B₁₂ . **05**
- Q.4** (a) Classify Cardio-Vascular disorders, write the factors responsible for cardio-vascular disorders. **06**
(b) Write the method and importance of Gram staining. **05**
(c) Write the effective methods for purification of portable water. . **05**
- Q.5** (a) Write pathophysiology, , prevention and treatment of Hepatitis A. **06**
(b) Define Epidemiology, write the advantages of epidemiological studies in prevention of diseases. **05**
(c) Define Universal Antidote; write the first aid for first degree burn. **05**
- Q. 6** (a) Classify types of Cancer, write the reasons, pathophysiology and treatment methods of Cancer. **06**
(b) Write the concept of prevention of disease at different levels. **05**
(c) Write the diseases caused by infestation of insects in the body. **05**
- Q.7** (a) Write the causes, types, pathogenesis and management of Diabetes Mellitus. **06**
(b) Define disinfection, write the classification of Disinfectants used. **05**
(c) Define hospital acquired infection, write the methods to prevent it. **05**
