

GUJARAT TECHNOLOGICAL UNIVERSITY
B.Ph. / M. Ph. / D.Ph. - SEMESTER-I • EXAMINATION – WINTER-2016

Subject Code: 410006**Date: 27/10/2016****Subject Name: Health Education & Community Pharmacy****Time: 10:30 AM TO 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) Define health and mental health. Enumerate commonly adopted health indicators and discuss any two in detail. | 06 |
| | (b) What do you mean by First aid? Write its objectives. Enlist various items to be included in First aid box. | 05 |
| | (c) Write about first aid treatment of burns. | 05 |
| Q.2 | (a) What is food? Classify food on the basis of nutritive value and predominant function. | 06 |
| | (b) Discuss deficiency disorders due to lack of Vitamin B ₁ and Vitamin B ₂ . | 05 |
| | (c) Write functions of mineral Calcium, Iodine, Iron and Fluorine. | 05 |
| Q.3 | (a) Classify contraceptive methods. Write in detail about hormonal methods of contraception. | 06 |
| | (b) Discuss various methods used for water purification. | 05 |
| | (c) Define demography. Explain demographic cycle. | 05 |
| Q.4 | (a) Define Microbiology. Classify bacteria according to their shape and arrangement. | 06 |
| | (b) Enlist various staining methods. Differentiate between simple staining and negative staining. | 05 |
| | (c) Explain life cycle of Malarial parasites. | 05 |
| Q.5 | (a) Write clinical symptoms and treatment of Influenza, Cholera and Measles. | 06 |
| | (b) Discuss modes of transmission of disease. | 05 |
| | (c) Write brief note on food poisoning. | 05 |
| Q.6 | (a) Enlist various sexually transmitted diseases. Write causative agents, Mode of transmission and Symptoms of Syphilis. | 06 |
| | (b) Discuss types, symptoms and preventive measures of Diabetes Mellitus. | 05 |
| | (c) Define Ischemic heart disease. Write causes and prevention of Ischemic heart disease. | 05 |
| Q.7 | (a) Explain the following terms: Incubation period, Hospital acquired Infection, Contamination, infection, Vector. | 06 |
| | (b) Define Epidemiology. Discuss uses of Epidemiology. | 05 |
| | (c) Define disinfection. Explain methods of physical disinfection. | 05 |
