

First Year (New) Pharmacy

HEALTH EDUCATION AND COMMUNITY PHARMACY (106)

Time : Three Hours

Maximum Marks : 80

- Note : i) Attempt total six questions. Question No.1 is compulsory.
From the remaining questions attempt any five.
ii) Illustrate your answer with neat sketches wherever necessary.

Answer any five of the following

10

- Give the full forms of following abbreviates
 - D.P.T
 - I.U.D
- Name the disease caused due to deficiency of
 - Vitamin K
 - Vitamin B₁₂
- Write name of disease caused by following organism
 - Bordetella pertussis
 - Salmonella typhi
- State whether true/false
 - Cancer is disorder of glucose metabolism
 - Angina pectoris is coronary heart disease
- Write two example each of the following
 - Air born disease
 - Water born disease
- Deficiency of which nutrient cause the following disease
 - Anaemia
 - Goitre

- Write two example each of the following
 - Preparation producing active immunity
 - Chemical agent used for disinfection of water

2. Attempt any four of the following :

14

- Describe dimension and determinant of health.
- Write concept of primary prevention of disease
- Explain demographic cycle with its different stages.
- Classify the contraceptive method.
- Enumerate various indicators of health.

3. Attempt any four of the following :

14

- Enumerate the fat soluble vitamin.
- Write composition of balanced diet.
- Give the first aid treatment of shock.
- Write about first aid treatment of fracture.
- Give classification of foods.

4. Attempt any four of the following :

14

- Describe the purification of water on small scale.
- Write the various methods of solid waste disposal.
- Describe the cause, treatment, prevention and control of tuberculosis.
- Define communicable and non communicable disease with example.
- What are sewage? What are the aims of sewage treatment.

5. Attempt any four of the following:

14

- Classify microbes with examples.
- Describe isolation techniques of bacteria and fungi.
- Define diabetes mellitus. Give the classification, cause and prevention of diabetes mellitus.
- Write about cause, sign and symptoms, prevention, control and treatment of cancer.
- Describe in short two staining methods of different microorganism.

6. Describe the cause, mode of transmission, prevention and control of any four of the following

14

- Malaria
- Measles
- Polio
- Typhoid
- Tetanus
- Leprosy
- Syphilis

7. Attempt any four of the following:

14

- Discuss various Epidemiological methods.
- Differentiate between natural immunity and artificial immunity.
- Enlist different methods of family planning.
- Describe family planning according to WHO.
- Classify briefly immunological product.

8. Write short notes on any four of the following:

14

- Hospital acquired infection.
- Name the disease caused due to different vitamin deficiencies.
- Immunisation schedule.
- Draw well labelled diagram of bacteria.
- Antidote for poisoning.
- Protein deficiency diseases.