

**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 questions. 10**

- a) Fill in the blanks.  
i) Beri - Beri disease is due to deficiency of vitamin \_\_\_\_\_.  
ii) Diphtheria is \_\_\_\_\_ disease.  
b) Name the causative agent of following disease  
i) Tuberculosis ii) Cholera  
c) State whether true/false.  
i) Poliomyelitis is viral disease ✓  
ii) Vitamin B<sub>6</sub> is fat soluble vitamin ✓  
d) Give the full form of followings.  
i) D.P.T. ii) B.C.G.  
e) Name the disease due to deficiency of  
i) Vitamin A ii) Folic Acid  
f) Give one example each of following.  
i) Disaccharides ii) Polysaccharides

**Attempt any two.**

**14.**

- a) Explain various indicators of health with examples.  
b) Define the term Epidemiology. Discuss briefly epidemiological methods.  
c) Explain briefly various methods for purification of water.

**Attempt any two.**

**14**

- i) Classify immunological products.  
ii) Describe sources of noise pollution. Discuss hazards and safety measures of noise control.  
iii) Explain factors affecting fertility. Discuss object of family planning according to WHO.

(2)

4. Attempt any two. 14
- a) Classify contraceptives methods. Describe mechanical methods of family planning.
  - b) Classify groups of micro-organism with examples.
  - c) Describe briefly various microscopic technique for identification of micro-organism.

5. Write clinical symptoms and first aid treatment of following. (Any Four) 14

- a) Anaphylactic shock
- b) Burns
- c) Fractures
- d) Gonorrhoea
- e) Cardio vascular disease

6. Describe the cause, mode of transmission, prevention and control of any two of the followings. 14

- a) Chicken Pox
- b) Cholera
- c) Rabies

7. Describe the cause, mode of transmission, prevention and control of any two of the followings. 14

- a) Diabetes
- b) Cancer
- c) Blindness

8. Write short notes any four. 14

- a) Toxoids
- b) Hospital Acquired Infections
- c) AIDS
- d) Treatment of food poisoning
- e) Metabolic function of Iodine