

DIPLOMA IN PHARMACY (FIRST YEAR)
(NEW)

**HEALTH EDUCATION AND COMMUNITY
PHARMACY**
(106)

Time : Three Hours

Maximum Marks : 80

Note : Attempt total six questions. Question No. 1 is compulsory. From the remaining questions attempt any five.

1. Answer any *five* of the following : 10
- (a) Define the following terms :
- ✓ (i) Health Education
- (ii) Non-communicable disease
- (b) Name the causative agents of the following diseases :
- ✓ (i) Diphtheria
- (ii) Rabies
- (c) Give *two* examples each of the following :
- (i) Air-borne disease
- (ii) Intestinal infection
- (d) Give the full forms of the following abbreviates :
- ✓ (i) HIV
- (ii) IUD

P. T. O.

(e) Name the disease caused due to deficiency of :

(i) Vitamin B

(ii) Calcium

(f) State whether true/false :

(i) Poliomyelitis is viral infection.

(ii) Vaccine is used for the treatment of disease.

2. Answer any *four* of the following : 14

(a) Enumerate various indicators of health.

(b) Explain the statement—"A man is healthy".

(c) What is the role of Pharmacist in the Community ?

(d) State and explain the concept of prevention of disease.

(e) What is Kwashiorkor disease ? Give its symptoms and mode of treatment.

3. Answer any *four* of the following : 14

(a) Enumerate the water soluble vitamins.

(b) Give the detail about the function, sources and deficiency of Vitamin B₁.

(c) Give classification of foods.

(d) Define Balanced Diet. Discuss the function of Carbohydrates.

(e) Classify contraceptive methods.

4. Answer any *four* of the following : 14

- (a) Give brief account of mechanical method of contraception.
- (b) Define shock. Enumerate different types of shocks.
- (c) Describe the first aid treatment of anaphylactic shock.
- (d) Describe the emergency treatment given in case of snake-bite.
- (e) Discuss the role of potassium permanganate as water disinfectant.

5. Answer any *four* of the following : 14

- (a) What is hardness of water ?
- (b) How can we remove different types of hardness from drinking water ?
- (c) Discuss reasons for Air-pollution.
- (d) Differentiate between the bacteria and virus.
- (e) Describe gram staining technique to stain micro-organism.

6. Answer any *four* of the following : 14

- (a) Write about the characteristics of HIV.
- (b) Enumerate different type of respiratory infections.
- (c) Describe the causes, treatment and prevention of tuberculosis.

- (d) Enumerate cause and treatment of food poisoning.
- (e) Classify non-communicable disease.

7. Answer any *four* of the following : 14

- (a) Define diabetes mellitus. How will you prevent Diabetes mellitus ?
- (b) Give the types, risk factors, prevention and treatment of cancer.
- (c) Compare and contrast :
 - (i) Pollution and Contamination
 - (ii) Elimination and Eradication
- (d) Differentiate between the following :
 - (i) Active Immunity and Passive Immunity
 - (ii) Vaccine and Sera
- (e) Describe disinfection methods for faeces and urine.

8. Write short notes on any *four* of the following : 14

- (a) Immunity
- (b) Smoking
- (c) Blindness
- (d) Prevention and control of malaria
- (e) Functions of calcium