

FIRST YEAR (NEW) PHARMACY
HEALTH EDUCATION & 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 answers with neat sketches wherever necessary.

1. Answer any five of the following: 2×5=10
- a) Define the terms
 - i) Immunization
 - ii) Health
 - b) Name the causative agents of the following disease
 - i) Leprosy
 - ii) Diphtheria
 - c) Give the examples for each of the following:
 - i) Live attenuated vaccines
 - ii) Human immune sera
 - d) Give the full forms of following abbreviates
 - i) AIDS
 - ii) DNA

(2)

- e) Name the disease caused due to deficiency of
- Vitamin D
 - Vitamin C
- f) State whether true/false
- In bacteria both type of nucleic acids are present.
 - Rabies is bacterial infection.

2. Answer any four 14

- Determinants of health.
- Role of pharmacist in community health.
- Concept of prevention of disease.
- Discuss mortality indicator in detail.
- Write short notes on expectation of life.

3. Answer any four of the following: 14

- Give classification of carbohydrates.
- Give the detail about the function sources and deficiency of vitamin D.
- Describe functions of protein in the human body.
- Write prevention and control of malaria.
- Classify contraceptive methods.

(3)

4. Answer any four: 14
- Write all the modes of transmission at communicable disease.
 - Write the causes and names of Sexually Transmitted Diseases (STD).
 - Write the causative agent pathogenesis and treatment of tuberculosis.
 - Describe rational use of medicines.
 - Give risk factors of coronary heart disease.
5. Answer any four of the following: 14
- Write the methods of isolation of pure culture of micro-organisms.
 - Write pathophysiology, prevention and treatment of Hepatitis A.
 - Write the method and importance of Gram staining.
 - Discuss the hazards of obesity.
 - Differentiate between vaccine and toxoids.
6. Answer any four of the following: 14
- Explain the aims of first-aid treatment.
 - Give the first aid treatment of Snakebite.
 - Differentiate between temporary and permanent hardness of drinking water.

(4)

- d) Describe briefly classification of vaccines.
- e) Describe prevention and control of leprosy.

7. Answer any four of the following: 14

- a) Solid waste disposal.
- b) Write the effective method for purification of portable water.
- c) Water pollution.
- d) Prevention and control of air pollution.
- e) National population policy.

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

- a) Disinfection
- b) Universal antidote
- c) Function of sodium
- d) Classification of bacteria
- e) Antibody.

