

DIPLOMA IN PHARMACY (FIRST YEAR)
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.

1. Solve any five of the following. 2 each
- a) Deficiency of which nutrient cause the following disease.
 - i) Goitre
 - ii) Beriberi
 - b) Give the full forms of the following abbreviates.
 - i) A.I.D.S.
 - ii) D.P.T.
 - c) Define the following terms.
 - i) Nutrition
 - ii) First Aid

(2)

- d) Name the disease caused due to deficiency of
- ✓ i) Vitamin "A"
 - ✓ ii) Vitamin "D"
- e) Write causes and prevention of
- ✓ i) Food poisoning
 - ✓ ii) Hepatitis
- f) Explain shortly
- i) Immunity
 - ii) Treatment of poisoning.

2. Solve any four of the following. 3.5 each

- a) Write down some water born diseases bacteria and viruses.
- ✓ b) What are sewage? What are the aims of sewage treatment?
- ✓ c) Define diabetes mellitus. Give the classification causes prevention of diabetes mellitus.
- ✓ d) What is cancer? How is it control?
- ✓ e) Give the causative agent mode of transmission and prevention of leprosy?

3. Answer any four of the following. 3.5 each

- a) Describe in short any two staining method of different micro organism?

(3)

- b) What are water born disease? Give with name any two.
- c) Explain the term epidemiology in brief.
- d) Define communicable and non communicable disease with example.
- e) What is first aid treatment of burn and snake bite?

4. Attempt any four of the following. 3.5 each

- a) Define and classify the contraceptive method.
- b) Describe the purification of water on small scale.
- c) What is disinfectant? Describe any two method of disinfection.
- d) How can air polluted? Give three example of airborne disease.
- e) Define minerals give source, function, deficiency of iron and calcium.

5. Describe the causes, mode of transmission, prevention and control of any four of the following disease. 3.5 each

- a) Cholera
- b) Tuberculosis
- c) Poliomyelitis
- d) Tetanus
- e) Typhoid Fever

(4)

6. Answer any four of the following. 3.5 each

- ☒ a) Give the sources and types of hospital acquired infection.
- ☐ b) Causes of high fertility level in India why.
- ☒ c) Classify the contraceptive methods.
- ☒ d) What are the indicator of health?
- ☒ e) Prevention and control of malaria.

7. Answer any four of the following. 3.5 each

- ☐ a) What is meant by mental health?
- ☐ b) Epidemiological measurements.
- ☐ c) Define microbiology. Classify bacteria according to their shapes with help of labeled diagram.
- ☐ d) What are the uses of epidemiology?
- ☐ e) What are the various methods of solid waste disposal?

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

3.5 each

- ☐ a) First aid treatment of fracture.
- ☒ b) Prevention of hypertension.
- ☒ c) Main function of iron and calcium.
- ☒ d) Water soluble vitamin.
- ☐ e) Shock.
- ☒ f) Balanced diet.



F/2013/1948