

F/2017/1948

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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.

1. Answer any five of the following: $2 \times 5 = 10$

a) Give the full forms of the following abbreviates

i) A.I.D.S.

ii) O.R.S.

b) Give two examples each of the following:

i) Fat soluble vitamins

ii) Non-essential Amino acids

c) Define the terms:

i) Germicide

ii) Immunity

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(2)

- d) Name the causative agent of the following disease:
- i) Poliomyelitis
 - ii) Diphtheria
- e) Fill in the blanks:
- i) Ascorbic acid is vitamin _____
 - ii) Cancer is _____ disease.
- f) State whether true/false.
- i) Vaccine is used for treatment of disease.
 - ii) Water for injection is free from pyrogen.

2. Attempt any two of the following: 14

- a) What do you mean by 'Health'. Discuss briefly various determinants of 'Health'.
- b) Explain role of pharmacist in the community pharmacy.
- c) Name the disease caused due to deficiency of
 - i) Vitamin B2
 - ii) Vitamin C
 - iii) Vitamin D
 - iv) Vitamin A

(3)

3. Attempt any two of the following: 14
- a) Discuss function of various data in the human body.
 - b) Discuss role of following minerals in the human body:
 - i) Iodine
 - ii) Iron
 - c) Explain objectives of family planning as per WHO guideline.
4. Attempt any two of the following: 14
- a) Classify briefly various contraceptive methods.
 - b) Explain the first aid treatment in the Burn.
 - c) Explain the first aid treatment in the Poisoning.
5. Differentiate any two of the following: 14
- a) Vaccine and serum
 - b) Gram's staining and acid fast staining.
 - c) Temporary hardness and permanent hardness of water.
6. Write notes any two of the following: 14
- a) Classification of viruses
 - b) Sexually transmitted disease
 - c) Disposal of dead bodies.

(4)

7. Attempt any two of the following: 14

- a) What do you mean by disinfection? Differentiate between disinfectant, antiseptic, detergent, deodorants and sterilization.
- b) Classify various type of Immunity.
- c) Explain diseases due to carbohydrate deficiency and its treatment and prevention.

8. Write short notes on the following: 14

- a) Malaria
- b) Demographic cycle
- c) Measurement of fertility
- d) Household methods for purification of water

