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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. RGPVonline.com

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

a) Give the full forms of the following abbreviates

i) D.P.T.

ii) I.U.D.

b) Give two examples each of the following:

i) Communicable disease

ii) Non-Communicable disease

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c) Define the terms:

i) Antiseptic

ii) Sterilization

d) Name the causative agent of the following disease:

i) Tuberculosis

ii) Cholera

e) Fill in the blanks:

i) Poliomyelitis is \_\_\_\_\_ disease.

ii) Scrubby disease is caused due to deficiency of Vitamin \_\_\_\_\_. RGPVonline.com

f) State whether true/false.

i) Cancer is communicable disease.

ii) Filariasis is sexually transmitted disease.

2. Attempt any two of the following: 14

a) Describe biological determinants of health. Explain the terms mental health.

b) Enumerate the fat soluble vitamins. Describe any one of them.

c) Describe classification of carbohydrates.

3. Attempt any two of the following: 14
- a) Explain function of proteins in the human body.
  - b) Write about demographic cycle.
  - c) Describe the mechanical contraceptive methods of family planning.
4. Attempt any two of the following: 14
- a) Explain the first-aid treatment in shock.
  - b) Discuss briefly natural water purification method. RGPVonline.com
  - c) Classify briefly different type of microorganisms.
5. Differentiate any two of the following: 14
- a) Communicable and Non-communicable diseases.
  - b) Temporary hardness and permanent hardness of water.
  - c) Active immunity and passive immunity.

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6. Write notes any two of the following: 14
- a) Epidemiological measurements.
  - b) Various methods of solid waste disposal.
  - c) Disinfection procedure for RGPVonline.com
    - i) Faeces and Urine
    - ii) Sputum
7. Attempt any two of the following: 14
- a) Describe structure of bacteria with a well labelled diagram. Describe staining methods for microorganism.
  - b) Give the detail about the function, sources and deficiency of Vitamin B<sub>1</sub>.
  - c) Classify immunological products and their dose schedule.
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8. Write short notes on the following: 14
- a) Balance diet.
  - b) Essential aminoacids.
  - c) Hypertension.
  - d) AIDS.