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Total Pages : 4

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 10
- a) Give the full forms of following abbreviates
 - i) D.P.T
 - ii) I.U.D
 - b) Name the disease caused due to deficiency of
 - i) Vitamin K
 - ii) Vitamin B₁₂
 - c) Write name of disease caused by following organism
 - i) Bordetella pertussis
 - ii) Salmonella typhi
 - d) State whether true/false
 - i) Cancer is disorder of glucose metabolism
 - ii) Angina pectoris is coronary heart disease
 - e) Write two example each of the following
 - i) Air born disease
 - ii) Water born disease
 - f) Deficiency of which nutrient cause the following disease
 - i) Anaemia
 - ii) Goitre

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- g) Write two example each of the following
- i) Preparation producing active immunity
 - ii) Chemical agent used for disinfection of water
2. Attempt any four of the following : 14
- a) Describe dimension and determinant of health.
 - b) Write concept of primary prevention of disease
 - c) Explain demographic cycle with its different stages.
 - d) Classify the contraceptive method.
 - e) Enumerate various indicators of health.
3. Attempt any four of the following : 14
- a) Enumerate the fat soluble vitamin.
 - b) Write composition of balanced diet.
 - c) Give the first aid treatment of shock.
 - d) Write about first aid treatment of fracture.
 - e) Give classification of foods.
4. Attempt any four of the following : 14
- a) Describe the purification of water on small scale.
 - b) Write the various methods of solid waste disposal.
 - c) Describe the cause, treatment, prevention and control of tuberculosis.
 - d) Define communicable and non communicable disease with example.
 - e) What are sewage? What are the aims of sewage treatment.

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5. Attempt any four of the following: 14
- a) Classify microbes with examples.
 - b) Describe isolation techniques of bacteria and fungi.
 - c) Define diabetes mellitus. Give the classification, cause and prevention of diabetes mellitus.
 - d) Write about cause, sign and symptoms, prevention, control and treatment of cancer.
 - e) Describe in short two staining methods of different microorganism.
6. Describe the cause, mode of transmission, prevention and control of any four of the following 14
- a) Malaria
 - b) Measles
 - c) Poliomyelitis
 - d) Typhoid
 - e) Tetanus
 - f) Leprosy
 - g) Syphilis
7. Attempt any four of the following: 14
- a) Discuss various Epidemiological methods.
 - b) Differentiate between natural immunity and artificial immunity.
 - c) Enlist different methods of family planning.
 - d) Describe family planning according to WHO.
 - e) Classify briefly immunological product.

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8. Write short notes on any four of the following: 14
- a) Hospital acquired infection.
 - b) Name the disease caused due to different vitamin deficiencies.
 - c) Immunisation schedule.
 - d) Draw well labelled diagram of bacteria.
 - e) Antidote for poisoning.
 - f) Protein deficiency diseases.



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