



BRAINWARE UNIVERSITY
D. Pharm Part I Examination 2018 - 19
 Programme– Diploma in Pharmacy
 Course Name –Health Education & Community Pharmacy
 Course Code –1.6T

(D. Pharm first year final)

Time allotted:3 Hours

Full Marks: 80

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group –A

(Multiple Choice Type Question)

20 x 1 = 20

1. *Choose the correct alternative from the following*
 - (i) Which of the following is a water soluble vitamin?

a. Vitamin D	b. Vitamin E
c. Vitamin C	d. Vitamin A
 - (ii) A harmful substance produced in the body by an infecting micro-organism is:

a. Vectors	b. Fomites
c. Endotoxin	d. Toxin
 - (iii) Fat soluble vitamins are:

a. Vitamin A, D, E, K	b. Vitamin C, B12
c. Vitamin B, Fluorine	d. Vitamin B6, Iodine
 - (iv) The causative agent for Filariasis is:

a. <i>Wuchereria bancrofti</i>	b. <i>Plasmodium falciparum</i>
c. <i>Salmonella typhi</i>	d. <i>Clostridium tetani</i>
 - (v) The entry and development of an infectious agent in the body is called:

a. Infectious disease	b. Infestation
c. Infectious agent	d. Infection
 - (vi) Fats are solids at:

a. 60°C	b. 100°C
c. 20°C	d. 40°C
 - (vii) Which is not a live attenuated vaccine?

a. B.C.G	b. Measles
c. OPV	d. Pertusis

- (viii) Gonorrhoea can be treated easily by:
- | | |
|-----------------|------------------|
| a. Penicillin | b. Tetracycline |
| c. Erythromycin | d. Cotrimoxazole |
- (ix) HIV is a:
- | | |
|-------------------|----------------|
| a. DNA virus | b. RNA virus |
| c. Paramyxo virus | d. Retro virus |
- (x) Antitoxin serum provide:
- | | |
|--------------------|---------------------|
| a. Active immunity | b. Passive immunity |
| c. Resistance | d. All of the above |
- (xi) All of the following are contagious diseases expect:
- | | |
|-------------|------------|
| a. AIDS | b. Polio |
| c. Trachoma | d. Leprosy |
- (xii) Chlorohexidine is used as:
- | | |
|-----------------|----------------------|
| a. Disinfectant | b. Bacteriostatic |
| c. Antiseptic | d. none of the above |
- (xiii) Which one of these is used for the treatment of AIDS?
- | | |
|--------------------|---------------|
| a. Chloramphericol | b. Rifampin |
| c. Tetracycline | d. Amantadine |
- (xiv) An example of non-communicable disease is:
- | | |
|---------------|-----------------|
| a. Cancer | b. Syphilis |
| c. Gonorrhoea | d. Tuberculosis |
- (xv) D.P.T is immunizing agent for:
- | | |
|---------------|------------|
| a. Polio | b. Typhoid |
| c. Diphtheria | d. Cholera |
- (xvi) The constituent of a viral enzyme carbonic anhydrase is:
- | | |
|--------------|------------|
| a. Manganese | b. Calcium |
| c. Zinc | d. Iodine |
- (xvii) Deficiency of vitamin D leads to:
- | | |
|------------|--------------------|
| a. Rickets | b. Night blindness |
| c. Obesity | d. Diabetes |
- (xviii) Ancylostoma infection is:
- | | |
|----------------|----------------------|
| a. Air borne | b. Food borne |
| c. Water borne | d. None of the above |
- (xix) The proper IUCD is:
- | | |
|----------------|-------------|
| a. Condom | b. Copper T |
| c. Foam tablet | d. Cream |
- (xx) ATS is used for:
- | | |
|---------------|------------|
| a. Plague | b. Tetanus |
| c. Diphtheria | d. Leprosy |

Group – B

(Short Answer Type Questions)

8 x5 = 40

Answer any *eight* from the following

- | | |
|---|-------|
| 2. What is vitamin? Classify vitamins in detail. Write sources of vitamin C. | 1+3+1 |
| 3. Define Mental health. What is the natural history of disease? | 1+4 |
| 4. What is culture media? Describe the cellular structure of a bacterium with diagram. | 2+3 |
| 5. Describe the role of water-soluble vitamins in our body. | 5 |
| 6. Define non-communicable disease. Write a short note on hypertension. | 1+4 |
| 7. Define blindness. Write causes, prevention and control of blindness. | 1+4 |
| 8. Explain life cycle of mosquitoes. | 5 |
| 9. What are the pathogenic and non-pathogenic microorganisms? Write the classification of microorganisms. | 2+3 |
| 10. Discuss causes, symptoms, mode of transmission, prevention and control, treatment of the following disease: Tuberculosis or AIDS. | 5 |
| 11. Define Vaccines? Explain various forms of vaccine? | 2+3 |

Group – C

(Long Answer Type Questions)

2x 10 = 20

Answer any *two* from the following

- | | |
|---|-------|
| 12. (a) Write down the objective of family planning. Mention the adverse effect of oral pills. | 2+2 |
| (b) Classify family planning methods with examples? | 6 |
| 13. (a) What is immunity? | 3 |
| (b) What is hospital-acquired infection?. | 3 |
| (c) How to prevent and control hospital-acquired infections? | 5 |
| 14. Describe the procedure of acid fast staining. What is hardness of water? Write sources and deficiency diseases of vitamin B1 and B12. | 4+2+4 |
