



Pharmace  
Brain  
Technology  
University  
2025

## BRAINWARE UNIVERSITY

Term End Examination 2023  
Programme – D.Pharm-2022  
Course Name – Social Pharmacy –Theory  
Course Code - ER20-15T  
( Year I )

Full Marks : 80

Time : 3:0 Hours

[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)

1 x 20=20

1. Choose the correct alternative from the following :

- (i) Select the correct answer Pharmacoeconomics coined by
- |                     |                     |
|---------------------|---------------------|
| a) Townsend in 1886 | b) Townsend in 1986 |
| c) Townsend in 1988 | d) Townsend in 1916 |
- (ii) Describe Total Cost
- |                                                               |                                                 |
|---------------------------------------------------------------|-------------------------------------------------|
| a) Total Cost = Direct Cost + Indirect Cost + Intangible Cost | b) Total Cost = Direct Cost + Indirect Cost     |
| c) Total Cost = Indirect Cost + Intangible Cost               | d) Total Cost = Intangible Cost + Indirect Cost |
- (iii) Select the full form of PHC
- |                             |                               |
|-----------------------------|-------------------------------|
| a) Primary Hospital Centres | b) Primary Healthcare Centres |
| c) Public Healthy Centres   | d) Prime Human Centres        |
- (iv) Select that organisation is not included in the central level health system
- |                                          |                                                |
|------------------------------------------|------------------------------------------------|
| a) Directorate general of health service | b) Union ministry of health and family welfare |
| c) Central council of health             | d) Health and family welfare service           |
- (v) Select the full form of NACO
- |                                       |                                       |
|---------------------------------------|---------------------------------------|
| a) National AIDS Control Organisation | b) National AIDS Cure Organisation    |
| c) National AIDS Care Organisation    | d) National AIDS Central Organisation |
- (vi) Select the full form of NCCP
- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| a) National cancer control programme | b) National cancer cure programme |
| c) National cancer control programme | d) National cancer care programme |
- (vii) Choose the following is a bacterial disease
- |            |                   |
|------------|-------------------|
| a) Malaria | b) Athlete's foot |
| c) Tetanus | d) Glaucoma       |

- (viii) Determine the rabies is a
- a) Viral disease  
b) Bacterial disease  
c) Fungal disease  
d) None of these
- (ix) Choose the correct organ for polio virus replication
- a) Lungs  
b) Liver  
c) GIT  
d) None of these
- (x) Identify contraception methods are:
- a) IUD  
b) Sterilisation  
c) Diaphragm  
d) All of the above
- (xi) Identify the percentage of nitrogen in atmosphere is
- a) 0.12  
b) 0.78  
c) 0.21  
d) 0.87
- (xii) Choose the substance used to kill insect, fungi, bacteria that feed on crop is
- a) Fertilizers  
b) Pesticides  
c) Nutraceuticals  
d) None of these
- (xiii) Select the following which is not an occupational disease
- a) Silicosis  
b) Asbestosis  
c) Diabetes  
d) COPD
- (xiv) Choose the virus caused for chicken pox
- a) Varicella zoster  
b) Streptococcus  
c) Clostridium tetani  
d) None of these
- (xv) Choose the causative agent caused for measles
- a) H1N1 virus  
b) Retro virus  
c) RNA paramyxo virus  
d) None of these
- (xvi) Identify the component that help to learnt life style
- a) Parents  
b) Mass media  
c) Friends  
d) All of these
- (xvii) Demography can be define as
- a) Statistical study of human population  
b) Statistical study of population  
c) Statistical analysis of human population  
d) Statistical report of human population
- (xviii) Identify the COVID-19 incubation period
- a) 1-10 days  
b) 1-18 days  
c) 1-14 days  
d) 1-4 days
- (xix) Calendar method can be identify as
- a) Behavioural method  
b) Natural family planning method  
c) Chemical method  
d) Hormonal contraceptives
- (xx) Copper T method can be identify as
- a) Mechanical family planning method  
b) Natural family planning method  
c) Chemical method  
d) Hormonal contraceptives

### Group-B

(Short Answer Type Questions)

3 x 10=30

2. Describe waste collection method (3)
3. Describe the functions of State Health Directorate (3)
4. Describe air pollutants (3)
5. Describe the symptoms of drug abuse or misuse (3)
6. Explain the reason of food ripening. (3)

7. Explain clinical presentation of COVID-19. (3)
8. Explain water soluble vitamins (3)
9. Describe QALY (3)
10. Describe objectives of National Mental Health Programme (3)
11. Explain mode of transmission of malaria (3)

OR

Explain mode of transmission of leprosy (3)

**Group-C**

(Long Answer Type Questions)

5 x 6=30

12. Explain the following terms with an example: Incubation period, Toxins, Endotoxin, Pandemic, Zoonotic. (5)
13. Discuss the importance of breastfeeding (5)
14. Describe Health Indicators (5)
15. Describe private and public health system in India (5)
16. Analyze the role of pharmacist in prevention of Diphtheria (5)
17. Analyze the role of pharmacist in prevention of Poliomyelitis (5)

OR

Analyze the role of pharmacist in prevention of Typhoid (5)

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