

P11-1/5(N)

August 2023

SOCIAL PHARMACY

Time Allowed : 3.00 Hours

Full Marks: 80

10X1=10

I. A. Choose the correct alternative (any ten);

- i) Which one of these is not a mental disease?
a) Paronia b) Mania c) Schizophrenia d) Arrhythmia
- ii) The public health means:
a) Physical and social health b) Mental and spiritual health c) both a and b d) none of these
- iii) Followings are the WHO's sustainable development goals except-
a) No poverty b) Morbidity c) Good health and well being d) Zero hunger
- iv) The disease that effect the immunity system is:
a) Leprosy b) AIDS c) Cancer d) Polio
- v) Surgical sterilisation is example of -
a) Natural family planning b) Barrier method of contraception
c) Permanent birth control d) Emergency contraception.
- vi) Air pollution causes- a) Global warming b) Respiratory diseases c) Soil erosion d) Diabetes.
- vii) Active immunity may be gained by—
a) Natural infection b) Vaccination c) Toxoids d) All of the above.
- viii) The following components change population, except—
a) Birth b) Death c) Migration d) Morbidity.
- ix) The following nutrient is most important for healthy vision -
a) Vitamin K b) Iron c) Calcium d) Vitamin A
- x) Genetically Modified foods - a) More nutritious b) More Tasty c) Cheaper d) All of these
- xi) The services provided by public health pharmacists to achieve health are:
a) Promotive b) Rehabilitative c) Preventive d) All of the above.
- xii) Trachoma is a serious and contagious diseases that affects -
a) Eyes b) Lungs c) Liver d) Sex organ
- xiii) Bacteriostatic: a) Kills the virus b) Inhibit the growth of fungi c) Kills the bacteria
d) Inhibit the growth of bacteria
- xiv) The health promotional activities include: a) inadequate health system b) poor environment
c) unhealthy life style d) information, education, communication.

10X1=10

B. Answer the following questions: (any ten)

- i) Define Pharmacoeconomics.
- ii) Full form of SARS is _____.
- iii) Define incubation period
- iv) The primary function of iron is to form _____.
- v) _____ is the only carbohydrate of animal origin.
- vi) _____ is the non digestable component of carbohydrate.
- vii) _____ is caused in infants below 1 year of age due to deficiency of protein.
- viii) Define vaccine
- ix) Full form of CDSCO is _____.
- x) _____ nutrient is most important for healthy vision.
- xi) Food that requires more food energy to be digested than the food actually provides, is called _____.
- xii) Mantoux test is done to identify _____.
- xiii) _____ is an acute systemic disease caused by RNA virus.
- xiv) Typhoid is respiratory infection [True / False]

P.T.O.

2. Answer the following questions: (any ten)

10X1=10

- ☒ i) Enumerate the characters of an ideal health indicator.
- ☒ ii) What is the causative agent and mode of transmission of the disease: Typhoid.
- ☒ iii) What are the common adulterants used in the food materials.
- ☒ iv) Define epidemic, endemic, pandemic
- ☒ v) What are the importances of food fortification?
- ☒ vi) What are the common occurrences of drug and food interaction?
- ☒ vii) Define the term nutraceuticals. Write benefits of fortified of foods.
- ☒ viii) Name two of each of essential fatty acids, essential amino acids and non-essential amino acids.
- ☒ ix) Give prevention and control of hospital acquired infections.
- ☒ x) Write clinical features of malaria and dengue
- ☒ xi) Explain briefly about disaster management and its plans.
- ☒ xii) Write benefits of Health Insurance. Name various Health Insurance schemes.
- ☒ xiii) Match the following:

a) Vitamin A	i) Hemorrhagic disease
b) Vitamin C	ii) Night blindness
c) Vitamin D	iii) Beriberi
d) Vitamin B ₁	iv) Rickets
e) Vitamin K	v) Pellagra
f) Vitamin B ₃	vi) Scurvy

3. Answer the following questions: (any six)

6 X 5 = 30

- ☒ a) Define family planning. Explain different temporary methods of family planning. $1 + 4 = 5$
- ☒ b) Define and classify Health. Explain the role of pharmacist in public health. $2 + 3 = 5$
- ☒ c) Define Nutrients. Classify foods with examples. Name vital constituents of food. $1+2+2 = 5$
- ☒ d) Describe the importance of vitamin in diet. Classify them with examples. Give deficiency of Vit-A, Vit-D. $1\frac{1}{2} + 1\frac{1}{2} + 2 = 5$
- ☒ e) Describe causative agent, sign and symptoms and treatment of any two of the followings: Poliomyelitis, Tuberculosis, Filariasis and Amebiasis. $2\frac{1}{2} + 2\frac{1}{2} = 5$
- ☒ f) Write short notes on: (any two) i) Balanced diet ii) Junk food iii) Artificial ripening $2\frac{1}{2} + 2\frac{1}{2} = 5$
- ☒ g) Describe schematically about water purification technique in large scale. 5
- ☒ h) Name diseases with causative agents of the following infections- Respiratory, Arthropod-borne, Intestinal infections, Surface and STDs. $1 \times 5 = 5$