

23242

3 Hours / 80 Marks



20115

Seat No.

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- Instructions –*
- (1) All Questions are Compulsory.
 - (2) Answer each next main Question on a new page.
 - (3) Illustrate your answers with neat sketches wherever necessary.
 - (4) Figures to the right indicate full marks.
 - (5) Assume suitable data, if necessary.
 - (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any SIX of the following:

30

- a) Describe the stages of demographic cycle and state objectives of family planning.
- b) Define health. Enlist various determinants of health and explain any three with examples.
- c) i) Write causes and ill effects of water pollution.
ii) What is social impact of drug addiction?
- d) Write causative agents, clinical presentation, and role of pharmacists in educating the public in the following communicable disease. (any two)
i) Acute diarrhoeal diseases ii) AIDS
iii) Dengue
- e) Enlist all ongoing National Health Programme in India and explain any one focussed on vector borne diseases.
- f) Define the following :
i) Microbiology ii) Morbidity iii) Quarantine
iv) Endemic v) Pandemic
- g) Define epidemiology. Explain different types of epidemiological methods.

2. Attempt any TEN of the following:

30

- a) Write causes and prevention of food poisoning.
- b) State advantages and disadvantages of bottle feeding in infants.
- c) What is pharmacoeconomics? Write its importance.
- d) Enlist various respiratory infections and write causative agent for any one respiratory infection.
- e) Write about
i) Artificial ripening ii) Balanced diet
- f) Write the causative agent, mode of transmission and types of leprosy.
- g) Write note on sources, functions of proteins.
- h) Define social pharmacy. Give any two examples of FIP development goals.
- i) Write causative agent and mode of transmission of
i) Tetanus ii) COVID-19 iii) Filariasis
- j) Discuss role of pharmacist in national health programmes.
- k) Name various methods of solid waste disposal. Explain any one.

P.T.O.



3. Attempt ALL of the following:

- a) Name the program launched by the Government of India to address the issue of prevalence of orodental disease.
- b) Match the followings :

Type of Bacteria		Shapes	
1.	Cocci	a.	Rod
2.	Bacilli	b.	Comma
3.	Vibrios	c.	Spiral
4.	Spirilla	d.	Spherical

- i) 1-d , 2-a , 3-b , 4-c ii) 1-d , 2-c , 3-b , 4-a
- iii) 1-c , 2-b , 3-a , 4-d iv) 1-a , 2-b , 3-c , 4-d
- c) HMO stands for _____.
- d) Name the disease characterized by the deficiency of iron.
- e) Name the protozoan that causes amebiasis.
- f) _____ is the immunity induced by vaccines which are the preparations of live or killed microorganisms or their products.
- i) Artificial active immunity ii) Natural active immunity
- iii) Natural passive immunity iv) Artificial passive immunity
- g) Name one national health programme focussed on nutrition.
- h) Define noise.
- i) BCG stands for _____.
- j) What is sewage?
- k) Write full form of NHP.
- l) Which one of the following diseases is transmitted easily through droplet infection?
- i) Plague ii) Tetanus
- iii) Syphilis iv) Chickenpox
- m) Vitamin A is also known as _____.
- n) Give example of health programme for maternal health.
- o) Name any two dimensions of health.
- p) Write a full form of SDG.
- q) Which of the following is not an example of a mechanical contraceptive?
- i) Condoms ii) Diaphragms
- iii) IUCD iv) Rhythm method
- r) WHO stands for _____.
- s) Name any one national health program for mental health.
- t) Tuberculosis is spread by _____.
- i) Droplets spread while coughing
- ii) Shaking someone's hand
- iii) Touching bed linens or toilet seats.
- iv) Sharing toothbrushes