

22223

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) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.
  - (6) In case student has attempted sub-question of Question No. 3 more than once, only first attempt should be considered for assessment.

**Marks**

**1. Attempt any SIX of the following:**

**30**

- a) Give the definition and Scope of Social Pharmacy. What is the role of pharmacist in public health?
- b) Define family planning. Write in brief about various types of contraceptive methods.
- c) Define the term Epidemiology. Enlist and explain different types of Epidemiology.
- d) i) Discuss various solid waste disposal methods.  
ii) What is Sewage?
- e) i) Describe any one National Health Programme for mother and child.  
ii) What is Pradhan Mantri Jan Arogya Yojna (PM-JAY)?
- f) Describe causative agent, clinical presentation and role of pharmacist in prevention of Tuberculosis.
- g) Give causative agent and clinical presentation for following infections (any two).  
i) Dengue  
ii) COVID-19  
iii) Typhoid

**2. Attempt any TEN of the following:**

**30**

- a) Differentiate between Prokaryotic and Eukaryotic Microorganisms.
- b) What are FIP Development Goals? When was it launched?
- c) Define Noise. Write about ill effects of Noise pollution on health.
- d) Write various causes of Pharmaceutical pollution.
- e) Discuss types and importance of fibres in diet.
- f) State what is Food Safety. What are nutraceuticals?
- g) State objectives of National Health Programme for prevention and control of cancer, Cardiovascular diseases, Diabetes and stroke.
- h) Write note on Gram Staining of Bacteria.
- i) Write note on Pharmacoeconomics
- j) State the causative agent and mode of transmission of  
i) Malaria  
ii) Cholera
- k) Define: Epidemic, Pandemic and Endemic

P.T.O.

**3. Attempt the following questions**

- a) The International Pharmaceutical Federation (FIP) was founded in year \_\_\_\_\_.
- b) Write full form of MDG.
- c) Health is a state of complete \_\_\_\_\_, mental and social well being and not merely the absence of disease.
- d) The National Health Mission was launched in year \_\_\_\_\_
- e) Define the term Demography.
- f) Breastfeeding awareness week is celebrated in month of
  - i) September
  - ii) August
  - iii) January
  - iv) May
- g) Give two examples of psychotropic substances.
- h) Write one common cause of air pollution.
- i) Kwashiorkor develops due to deficiency of \_\_\_\_\_.
- j) The practise of adding vitamins and minerals to foods during processing to increase it's nutritional value is known as:
  - i) Fortification of food
  - ii) Food Adulteration
  - iii) Artificial ripening
  - iv) Food Security
- k) Filariasis is caused by \_\_\_\_\_ \_\_\_\_\_.
- l) Following are examples of Respiratory tract infections, except
  - i) Small pox
  - ii) Amoebiasis
  - iii) Mumps
  - iv) Whooping Cough
- m) The causative organism for plague is:
  - i) Salmonella typhi
  - ii) Vibrio cholerae
  - iii) Yersinia pestis
  - iv) M. Tuberculosis
- n) Write full form of MERS
- o) What do you mean by mortality?
- p) Write full form of WHO.
- q) Give one example of any one national health programme focussed on Nutrition.
- r) First National Health Policy was launched by Government of India in year
  - i) 2013
  - ii) 2002
  - iii) 1983
  - iv) 1985
- s) In which year National Health programme on Mental Health was launched ?
- t) What is the measure of quality of life in different disease states?

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