

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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