

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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