

12425

03 Hours / 80 Marks



0810

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.

Marks

1. Attempt any EIGHT of the following:

16

- a) Define the following term: Health Education
- b) Give the full form of following abbreviation:
 - i) WHO
 - ii) HIV
 - iii) TT
 - iv) IUD
- c) Name one example of each:
 - i) Air borne disease
 - ii) Water borne disease
- d) Define: Epidemiology
- e) Differentiate between communicable and non-communicable diseases.
- f) Name any one deficiency disease of the following:
 - i) Iodine
 - ii) Vitamin D
 - iii) Vitamin B₁₂
 - iv) Ascorbic acid
- g) Name any one disease transmitted by following:
 - i) Mosquito
 - ii) Rat
- h) Differentiate between natural immunity and artificial immunity.
 - i) Name any 4 communicable diseases.
 - j) Draw a well labelled diagram of Bacterial cell.
- k) Name the disease caused by:
 - i) Salmonella typhi
 - ii) Niessleria gonorrhoea
- l) Define the term : Health

2. Attempt any FOUR of the following:

12

- a) What is hospital acquired infection? Give its types, prevention and control.
- b) Give causes, prevention and control of diabetes.
- c) Give causative agent, transmission, prevention and control of Tuberculosis.
- d) Name the various techniques used for staining of bacteria. Give procedure for acid fast staining.
- e) Give ill effects of noise pollution and noise control measures.
- f) Explain the first aid treatment for snake bite.



3. **Attempt any FOUR of the following:** 12
- a) Mention the sources of air pollution. Explain the effects of air pollution on health.
 - b) Define first aid. Write first aid treatment for burns.
 - c) Define balanced diet. Give its composition.
 - d) Define family planning. Mention the role of 'Pharmacist in promoting family planning'.
 - e) Enlist various determinants of health and explain any one.
 - f) Give sources, functions and deficiency disease of Vitamin A.
4. **Attempt any FOUR of the following:** 12
- a) Explain the first aid treatment given in poisoning.
 - b) List different sources of water and explain the purification of water on small scale.
 - c) Define demography. Explain stages of Demographic cycle.
 - d) Give causative agent, transmission, prevention and control of Poliomyelitis.
 - e) Define Hypertension. Explain the prevention and control of hypertension.
 - f) Give causative agent, transmission, prevention and control of Rabies.
5. **Attempt any FOUR of the following:** 12
- a) Write immunization schedule for children.
 - b) Define insecticide. Mention various insect control measures.
 - c) Mention functions and deficiency disease of:
 - i) Calcium
 - ii) Iron
 - d) Give causative agent, transmission, prevention and control of Hepatitis B.
 - e) Define microbiology. Give classification of microorganism.
 - f) What are the causes of fracture and give first aid treatment for fracture.
6. **Attempt any FOUR of the following:** 16
- a) Classify contraceptive methods with examples. Give advantages and disadvantages of condom.
 - b) Enlist different methods of solid waste disposal and explain any two.
 - c) Give classification of food with examples. State the functions of carbohydrates and protein.
 - d) Give causative agent, mode of transmission, symptoms and prevention of AIDS.
 - e) Classify disease agents with examples. Explain level of prevention of disease.
 - f) Write disinfection procedure for -
 - i) Room
 - ii) Instruments
 - iii) Dead bodies
 - iv) Sputum
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