

00810

**11819**

**3 Hours / 80 Marks**

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) Use of Non-programmable Electronic Pocket Calculator is permissible.
  - (6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

**Marks**

**1. Answer any EIGHT of the following :**

**16**

- (a) Define the following :
  - (1) Indicators of Health
  - (2) Epidemiology
- (b) Define the term :
  - (1) Fertility
  - (2) Communicable disease
- (c) Name the deficiency disease of the following :
  - (1) Ascorbic acid
  - (2) Iron
  - (3) Niacin
  - (4) Vitamin D

- (d) Name one disease caused by following arthropod :
- (1) Mosquito
  - (2) Sandfly
- (e) Give full form of following abbreviation :
- (1) DPT
  - (2) CVS
  - (3) ORS
  - (4) BBT
- (f) Name the causative agent for the following :
- (1) Chicken Pox
  - (2) Tuberculosis
  - (3) Whooping cough
  - (4) Syphilis
- (g) Name the characteristic of an ideal health indicator.
- (h) Define :
- (1) Immunity
  - (2) Immunisation
- (i) Name one example of each :
- (1) Air borne disease
  - (2) Water borne disease
- (j) Define the term : Incubation Period.
- (k) Define :
- (1) Contraceptive
  - (2) Zoonotic disease
- (l) Explain why “Drink milk after boiling”.

**2. Answer any FOUR of the following :****12**

- (a) Define the term antigen and antibody. Classify Immunity.
- (b) Define coronary heart disease. Give causes, prevention and control of coronary heart disease.
- (c) Give causative agent, transmission and prevention and control of malaria.
- (d) Give systematic classification of fungi.
- (e) Classify rodent borne disease. Give control measures of rodents.
- (f) Define noise. Give ill-effects of noise and noise control measures.

**3. Answer any FOUR of the following :****12**

- (a) Define splint. Explain types of splint.
- (b) Define burns and scald. How to treat chemical burns ?
- (c) Describe on "Population Problem in India".
- (d) Explain classification of food and state functions of food.
- (e) Explain Natural history of disease.
- (f) Define balanced diet. Give its composition.

**4. Answer any FOUR of the following :****12**

- (a) Define the term Demography. Explain demographic cycle.
- (b) What first aid should be given in poisoning ?
- (c) Explain hardness of water. Give its types, disadvantage and process of removal of hardness.
- (d) Define staining. Describe techniques of staining.

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- (e) Name respiratory infections. Give causative agent, transmission, control and prevention of any one.
- (f) Define cancer. Give its types, causes, prevention and control.

**5. Answer any FOUR of the following :**

**12**

- (a) What is hospital acquired infection ? Give its types, prevention and control.
- (b) Define Diabetes. Give types, causes, prevention and control of diabetes.
- (c) Define food poisoning. Give its types, prevention and control.
- (d) Define Gram Staining. Write procedure and principle of gram staining.
- (e) Define insecticides. Classify insecticides with examples.
- (f) Define fracture. Name causes of fracture and types of fracture.

**6. Answer any FOUR of the following :**

**16**

- (a) Explain Behavioural and Natural Family Planning methods.
  - (b) Explain protein deficiency disease.
  - (c) Describe concept of prevention of disease.
  - (d) Give sources and deficiency disease of Vitamin B1, B2 and B3.
  - (e) Write disinfection procedure for
    - (i) room
    - (ii) sputum
    - (iii) faeces
    - (iv) instruments
  - (f) Explain different methods of solid waste disposal.
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