

00810

21718

3 Hours / 80 Marks

Seat No.

6	5	6	1	3	1		
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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.

**Marks**

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

16

- (a) Define the terms :
  - (i) Health Education
  - (ii) Disease
- (b) Name the causative organism for the disease :
  - (i) Chicken pox
  - (ii) Gonorrhoea
- (c) Give the long forms of following abbreviations :
  - (i) AIDS
  - (ii) TB
  - (iii) BCG
  - (iv) TT
- (d) Name different sources of water.
- (e) Define :
  - (i) Incubation period
  - (ii) Antiseptic

(f) Define hypertension. Write about prevention and control of hypertension.

(g) Give modes of transmission of :

(i) Malaria

(ii) Trachoma

(h) Give ill effects of light.

(i) Write the disinfection procedure for dead body.

(j) Name the disease caused due to deficiency of :

(i) Iodine

(ii) Thiamine

(k) Enlist types of diabetes.

(l) Classify micro-organisms.

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

12

(a) Define the terms :

(i) Social health

(ii) Mental health

(iii) Physical health

(b) Write sources, functions, deficiency of Vit. A.

(c) What are disease agents? Classify them with examples.

(d) Give the first aid treatment for burns.

(e) What are proteins? State the functions of proteins.

(f) Define Immunity. Discuss its types.

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

- (a) Define the term demography and explain demographic cycle.
- (b) Write a note on fungal infections.
- (c) Name various techniques for staining of bacteria. Give procedure for Acid fast staining.
- (d) Discuss the design and mechanism of septic tank.
- (e) With the help of a neat labelled diagram describe the structure of virus.
- (f) Explain in detail Cardio-Pulmonary Resuscitation. (C.P.R.)

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

- (a) Define first-aid. Mention major principles of first-aid. List the content of first-aid kit.
- (b) Explain elements of minor surgery and dressing in short.
- (c) Define fertility and give the factors affecting fertility.
- (d) Name the methods for small scale purification of water. Draw a well labelled diagram for slow sand filter.
- (e) Define epidemiology. Differentiate between case control study and cohort study of epidemiology.
- (f) Give causes, prevention & control of blindness.

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

- (a) Discuss in brief about Nosocomial infections. How it can be prevented ?
- (b) Explain various indicators of health in short.

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- (c) Mention and give functions of any six minerals present in the body.
  - (d) What are intrauterine devices ? Give their advantages.
  - (e) Name the methods for solid waste disposal and explain any one.
  - (f) Define fracture. Name types of fracture and give first aid treatment for fracture.
6. Write causative agent, mode of transmission, symptoms and control of following : (any four)
- (a) Plague
  - (b) Syphilis
  - (c) Rabies
  - (d) Poliomyelitis
  - (e) Diphtheria
  - (f) Tetanus
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