

00810

21718

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.

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.

- (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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