

00810

16172

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) 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 Health Education.
- (b) Enlist any 4 indicators of health.
- (c) State the functions of fats.
- (d) Enlist water soluble vitamins.
- (e) Define the term demography and fertility.
- (f) Classify the hormonal contraceptives.
- (g) Enlist the contents of "First Aid Kit".
- (h) Define the term Microbiology.
- (i) Enlist any 4 communicable diseases.
- (j) What are the characteristics of cancer ?
- (k) Define immunity.
- (l) Define Antiseptics with 2 examples.

[1 of 4]

P.T.O.

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

- (a) Give an account of determinants of Health.
- (b) Write classifications of food.
- (c) Write note on cold chain storage of vaccines.
- (d) Write in detail different stages of demographic cycle.
- (e) Enlist the methods of contraceptives with examples.
- (f) Write the emergency treatment of shock.

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

- (a) Describe the Resuscitation method in detail.
- (b) Write different sources of water.
- (c) Define Health. Write the effect of Air pollution on Health.
- (d) Discuss the purification of water on small scale.
- (e) Draw the labelled diagram of bacterial cell.
- (f) Write note on types of fungi and fungal infections.

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

- (a) Write the life cycle of malarial parasite.
- (b) Define diabetes mellitus (DM). Write the signs & symptoms of DM.
- (c) Enumerate the risk factors & prevention of coronary heart diseases.
- (d) Discuss modes of transmission of diseases.
- (e) Define Epidemiology & discuss major components of epidemiology.
- (f) What is disinfection ? Describe various methods of disinfection.

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

- (a) Discuss Hospital Acquired Infections.
- (b) Write the advantages & dis-advantages of condom.
- (c) Write the first aid treatment for snake bite.
- (d) Discuss methods of solid waste disposal.
- (e) Enlist staining techniques for bacteria and explain any one.
- (f) Write a note on Immunisation Schedule.

6. Write about causative agent, mode of transmission, symptoms and prevention for following infections (any 4) : **16**

- (a) Rabies
 - (b) Filariasis
 - (c) Tuberculosis
 - (d) Leprosy
 - (e) Typhoid Fever
 - (f) Chicken Pox
 - (g) Cholera
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