

15162**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) Balanced diet
 - (ii) Medical entomology
- (b) Name a deficiency disease of following nutrients :
- (i) Vit. D
 - (ii) Vit. B₁
 - (iii) Iodine
 - (iv) Protein
- (c) Define the terms :
- (i) Nutrition
 - (ii) Disinfection
- (d) Give long forms of following abbreviations :
- (i) BCG
 - (ii) MMR
 - (iii) TT
 - (iv) WHO

P.T.O.

- (e) Give two examples each of the following :
- (i) Physical methods of contraception
 - (ii) Acid fast bacterias
- (f) What do you know about
- (i) Concurrent disinfection
 - (ii) Terminal disinfection
- (g) Define the terms :
- (i) Diabetes mellitus
 - (ii) Microbiology
- (h) Name different sources of water.
- (i) Enumerate various indicators of health.
- (j) Write causes of Air pollution.
- (k) Write mode of transmission of :
- (i) Rabies
 - (ii) Tetanus
- (l) Classify Immunising agents.

2. Answer any FOUR of following :

12

- (a) Write sources, functions, deficiency diseases of Vit. A.
- (b) Define the term Demography. Explain demographic cycle.
- (c) Enumerate determinants of health. Explain any one.
- (d) Define nosocomial infections. Write prevention and control of nosocomial infections.
- (e) Write First Aid for shock.
- (f) Write importance and procedure of 'Gram Staining'.

3. Answer any FOUR of following : 12

- (a) Define blindness. Write causes, prevention and control of blindness.
- (b) Enlist different methods of isolation of bacteria. Explain any one.
- (c) Write about hormonal contraceptives.
- (d) Describe various methods of small scale purification of water.
- (e) Write First Aid treatment for snake bite.
- (f) Discuss in detail Noise Pollution.

4. Answer any FOUR of following : 12

- (a) Define hypertension. Write causes, prevention and control of hypertension.
- (b) Explain natural history of disease and its phases.
- (c) Name various methods of solid waste disposal. Explain any one.
- (d) Describe structure of virus with the help of a labelled diagram.
- (e) Give disinfection procedure for
 - (i) Faeces & urine
 - (ii) Sputum
- (f) Explain Back Pressure Arm lift method.

5. Answer any FOUR of following : 12

Write causative agent, symptoms, prevention and control of

- (a) Tuberculosis
- (b) Poliomyelitis
- (c) Hepatitis
- (d) Malaria
- (e) Trachoma
- (f) AIDS

6. Answer any FOUR of following :**16**

- (a) Define Fertility. Write about various factors which affect fertility.
 - (b) Explain the terms :
 - (i) Physical Health
 - (ii) Social Health
 - (c) Define cancer. Write causes, prevention and control of cancer.
 - (d) Define immunisation. Write about National Immunisation schedule.
 - (e) Write functions and deficiency disease of :
 - (i) Iron
 - (ii) Calcium
 - (f) Define fracture. Name types of fracture and First Aid Treatment for fracture.
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