

00810

11920

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) Assume suitable data, if necessary.
 - (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 Health.
- (b) Name the deficiency disease caused by following nutrient :
 - (i) Vit. C
 - (ii) Iron
 - (iii) Vit. B₁₂
 - (iv) Calcium
- (c) Write one advantage and one disadvantage of terminal method of family planning.
- (d) Write scope of first aid.
- (e) Write causes of air pollution.

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P.T.O.

- (f) Define Microbiology.
- (g) Give the long forms of following abbreviations :
 - (i) AIDS
 - (ii) BMI
 - (iii) DT
 - (iv) OPV
- (h) Define Stroke.
- (i) Differentiate between Natural immunity and Artificial immunity.
- (j) Classify Protozoa.
- (k) Draw well labelled diagram of virus.
- (l) Name any one disease transmitted by following :
 - (i) Mosquito
 - (ii) Rat

2. Answer any FOUR of the following :

4 × 3 = 12

- (a) Explain levels of prevention of disease.
- (b) Write source, functions and deficiency diseases of Iodine.
- (c) Define the term Demography. Explain demographic cycle.
- (d) What are burns ? Write symptoms and first aid for burns.
- (e) Name any two water borne diseases. Write about slow sand filter.
- (f) Classify bacteria according to their shape.

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3. Answer any FOUR of the following :

4 × 3 = 12

- (a) Give causes, prevention and control of blindness.
- (b) Define Nosocomial infection. Write prevention and control of Nosocomial infection.
- (c) What is a disease agent ? Classify them with examples.
- (d) Give source and functions of Vit.-D.
- (e) What are Intrauterine devices ? Classify them.
- (f) Write a note on Cold Chain Storage of Vaccines.

4. Answer any FOUR of the following :

4 × 3 = 12

- (a) Define Noise. What are ill effects of noise pollution ?
- (b) Write note on gram staining method.
- (c) Write about types and risk factors of Diabetes Mellitus.
- (d) Give disinfection procedure for following :
 - (i) Sputum
 - (ii) Room
- (e) Enumerate determinants of health. Explain any one.
- (f) Name nutrient causing following diseases :
 - (i) Colour blindness
 - (ii) Blood Clotting disorder
 - (iii) Wilson's disease

P.T.O.

5. Answer any FOUR of the following :

4 × 3 = 12

- (a) Give advantages and disadvantages of condom.
- (b) What is Angina pectoris ? What are the risk factors for it ?
- (c) What are health hazards due to improper solid waste disposal ? Define sewage.
- (d) Write note on fungal infection.
- (e) Write symptoms and prevention of Hypertension.
- (f) Write note on National Immunization Schedule.

6. Write Causative agent, mode of transmission and symptoms of following :

(Any FOUR)

4 × 4 = 16

- (a) Leprosy
 - (b) Hepatitis-A
 - (c) Rabies
 - (d) Filariasis
 - (e) Hookworm infection
 - (f) Chickenpox
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