

0810

21415

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. Attempt of any EIGHT of the following :

16

- (a) Name the vitamin causing following deficiency diseases :
- (i) Rickets
 - (ii) Night Blindness
 - (iii) Scurvy
 - (iv) Pellagra
- (b) Define the terms :
- (i) Disease
 - (ii) Health
- (c) Write the role of pharmacist in promoting family welfare/planning.
- (d) Name the orthropod transmitting following diseases :
- (i) Plague
 - (ii) Kala Azar
 - (iii) Cholera
 - (iv) Malaria

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- (e) Give the emergency treatment for shock.
- (f) Name causative agent of following diseases :
 - (i) Rabies
 - (ii) Chickenpox
- (g) Name the disease due to following causative agent :
 - (i) Treponema Pallidum
 - (ii) Bordetella Pertusis
- (h) Write prevention and control of Coronary Heart Diseases.
- (i) What do the following acronyms stand for ?
 - (i) HIV
 - (ii) TT
 - (iii) RNA
 - (iv) STD
- (j) What is balanced diet ?
- (k) Define fertility and name the four factors affecting fertility.
- (l) Draw well labelled diagram of Bacteria cell.

2. Attempt any FOUR of the following :

12

- (a) Name various indicators used for measurement of health and explain mortality indicators.
- (b) Define the terms :
 - (i) Physical health
 - (ii) Social health
 - (iii) Mental health
- (c) Define Immunity. Discuss its types.
- (d) Classify vitamins and write sources of Vit. C.
- (e) Write the elements of Minor Surgery and dressing.
- (f) Write the First Aid treatment given in snake bite.

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

- (a) Classify bacteria depending upon their shape.
- (b) Define staining and explain Acid Fast Staining.
- (c) Define noise and state ill-effects of noise.
- (d) Discuss the design and mechanism of Septic Tank.
- (e) What are the major sources of water pollution ? How water pollution can be prevented ?
- (f) Define the terms :
 - (i) Incubation period
 - (ii) Epidemiology
 - (iii) Antiseptic

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

- (a) Write causes and preventive measures of Cancer.
- (b) Classify family planning methods with examples.
- (c) Give three advantages and three disadvantages of oral contraceptives.
- (d) Name the methods for large scale purification of water and explain "Slow Sand Filtration" for purification.
- (e) What are Hospital acquired infections ? Write prevention and control of hospital acquired infections.
- (f) Write disinfection procedure for :
 - (i) Dead bodies
 - (ii) Faeces and Urine
 - (iii) Room

- 5. Give the causative agent, mode of transmission and prevention of any FOUR of the following diseases :** **12**
- (a) Leprosy
 - (b) AIDS
 - (c) Cholera
 - (d) Tuberculosis
 - (e) Influenza
 - (f) Plague
- 6. Attempt any FOUR of the following :** **16**
- (a) Explain “Natural history of disease”.
 - (b) Give the advantages and disadvantages of condoms.
 - (c) Write sources and deficiency diseases of Vitamin B₁ and Vitamin B₁₂.
 - (d) Define the term vaccine. Write “National Immunisation Schedule”.
 - (e) What is artificial respiration ? Explain “Kiss of Life” (Mouth to Mouth respiration)
 - (f) Write causative factors, prevention, care and control of Diabetes Mellitus.
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