

00810

**21222**

**3 Hours / 80 Marks**

Seat No.

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15 minutes extra for each hour

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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 FOUR of the following :**

**16**

- (a) Define the following :
  - (i) Incubation period
  - (ii) Epidemiology
- (b) Name any 2 cardiovascular diseases & suggest prevention for cardio-vascular diseases.
- (c) Draw a diagram of bacterial cell. Give examples of any 2 bacterial infections.
- (d) Describe Noise, its parameters & provisions to reduce noise.
- (e) Write sources, functions and deficiency disease of vitamin A.

**2. Answer any THREE of the following :**

**12**

- (a) Health is multi-dimensional. Explain this statement.
- (b) Mention deficiency diseases of proteins. Write symptoms and control for these diseases.
- (c) Classify family planning methods.
- (d) Discuss Cardio-pulmonary resuscitation.
- (e) Classify micro-organisms. Give examples of any 2 protozoal infections.

[1 of 2]

**P.T.O.**

- 3. Answer any THREE of the following :** **12**
- (a) State various modes of disease transmission.
  - (b) Define & describe types of disinfection.
  - (c) State warning signals of cancer & prevention of cancer.
  - (d) Write sources, functions, deficiency of iron.
  - (e) Define sewage & sludge. Write aims of sewage treatment.
- 4. Answer any THREE of the following :** **12**
- (a) Explain role of Pharmacist in prevention of sexually transmitted diseases.
  - (b) Describe nutrition related programmes run by Govt. of India.
  - (c) Explain four determinants of health.
  - (d) Define First aid & write its aim & major principles of First aid.
  - (e) Distinguish between :
    - (i) Communicable diseases & non-communicable diseases.
    - (ii) Case control study & cohort study.
- 5. Answer any THREE of the following :** **12**
- (a) Categorise immunological products with examples.
  - (b) Discuss various disease agents.
  - (c) State 'Rule of Nine' & write First aid treatment for burns & scalds.
  - (d) Discuss symptoms and prevention of diabetes mellitus.
  - (e) Give procedures for Gram staining & Acid fast staining.
- 6. Write causative agents, modes of transmission, symptoms & prevention of any four of following diseases :** **16**
- (a) Hookworm infection
  - (b) Gonorrhoea
  - (c) Malaria
  - (d) Pertussis
  - (e) Influenza
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