



Name :

Roll No. :

Invigilator's Signature :

CS/HM/SEM-4/BHM-401/2011

2011

**EPIDEMIOLOGY & ANALYSIS OF HEALTH
INFORMATION DATA**

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for the following : $10 \times 1 = 10$

i) Prevalence means

- a) new cases
- b) old cases
- c) existing cases
- d) none of these.

ii) In Pre-pathogenesis phase, we find

- a) the disease agent has not yet entered the body of the host
- b) the disease has entered the body of the host
- c) both (a) and (b)
- d) none of these.



- viii) Enzootic is an
- a) Epidemic occurring in animals
 - b) Epidemic occurring in man
 - c) Epidemic occurring in animals and men
 - d) None of these.
- ix) Disease occurrence which can be decreased by intervention strategy is termed as
- a) attributable risk
 - b) relative risk
 - c) population attributable risk
 - d) odds ratio.
- x) Morbidity is best determined by
- a) monitoring
 - b) active surveillance
 - c) passive surveillance
 - d) sentinel surveillance.

GROUP – B
(Short Answer Type Questions)

Write short on any *three* of the following. $3 \times 5 = 15$

2. Alcoholism.
3. Immunization hazards.
4. Levels of prevention.
5. Iceberg of disease.
6. Passive immunity.

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GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Describe the steps of investigation of an epidemic disease.
8. What is immunization ? Explain the various types of immunization with respect to universal immunization programme.
9. Write down the signs and symptoms of food poisoning. What are the different types of food poisoning ? Give the prevention and control measures of food poisoning. $4 + 6 + 5$
10. Write down the environmental risk factors of Diabetes. What are the different types of Diabetes ? Give the prevention and care of Diabetes. $5 + 4 + 6$
11. What is Randomized controlled trial ? Elaborate the steps involved in it.
