



Name :

Roll No. :

Invigilator's Signature :

**CS/MBA(N)/SEM-3 (FT)/HSA-302/2011-12
2011**

**EPIDEMIOLOGY AND ANALYSIS OF HEALTH
CARE 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 any *ten* of the following :

10 × 1 = 10

i) Case control study is also known as

- a) descriptive study b) retrospective study
c) population study d) cohort study.

ii) The disease occurs due to radiation is

- a) blindness b) cancer
c) anthrax d) hypertension.



- iii) School health service covers
 - a) periodic medical exam
 - b) constant medical exam
 - c) yearly medical exam
 - d) none of these.
- iv) Dyes are harmful for patients of
 - a) anaemia
 - b) diabetes
 - c) asthma
 - d) filaria.
- v) Bright and sharp light may cause
 - a) trachoma
 - b) fatigue
 - c) accidents
 - d) none of these.
- vi) Lack of proper ventilation in the factories may cause
 - a) air borne hazards
 - b) occupational blindness
 - c) headache
 - d) none of these.
- vii) Provision for artificial limbs is known as
 - a) aesthetics
 - b) prosthetics
 - c) bagassosis
 - d) none of these.
- viii) Incidence rate refers
 - a) only to old cases
 - b) only to specific cases
 - c) only to new cases
 - d) all of these.
- ix) The ESI Act was amended
 - a) thrice
 - b) once
 - c) twice
 - d) none of these.



- x) Alcoholism is responsible for disease like
- a) Alzheimer's disease b) Encephalitis
- c) Cirrhosis of liver d) All of these.
- xi) The Govt. of India, constituted a school health committee in the year
- a) 1961 b) 1960
- c) 1965 d) 1969.

GROUP – B

(Short Answer Type Questions)

Write short notes on any *three* of the following.

3 × 5 = 15

2. Describe the different host factors of diphtheria and tetanus.
3. Discuss the different screening methods used for the target population of diabetes.
4. Discuss the different steps involved in the investigation of an epidemic.
5. Write any *two* short notes from the following :
 - a) Epidemic
 - b) Stroke control programme
 - c) Surveillance and monitoring.

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GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.

3 × 15 = 45

6. Define occupational health. Discuss the occurrence of different health related problems due to industrialisation.
7. Describe the different levels of disease prevention.
8. What are the different uses of epidemiology ? Briefly discuss with an example - incidence and prevalence.
9. Discuss in brief the health problems of the aged people.
10. Write short notes any *three* of the following : 3 × 5
 - a) General health protective measures for workers
 - b) Components of school health programme
 - c) Community care of handicapped children
 - d) Active and passive immunization.

