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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.

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iii)	Who	Who is considered as father of Epidemiology?		
	a)	V. Galen	b)	S. Celsus
	c)	Pasteur	d)	Francastorious.
iv)	The	he epidemiological triad consists of all except		
	a)	Agent	b)	Host
	c)	Environment	d)	Endemic disease.
v)	All a	are true about cohort study except		
	a)	inexpensive and quick		
	b)	prospective study		
	c)	yields incidence rates		
	d)	reserved for formulate	d hyp	oothesis.
vi)	Coh	nort study is an example of		
	a)	Ecological studies	b)	Descriptive studies
	c)	Analytical studies	d)	Clinical trial studies.
vii)	Rela	Relative risk is ratio between		
	a)	incidence of disease exposed	amo	ong exposed and non-
	b)		ate a	mong exposed minus among non-exposed and sed
	c)	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. $3 \times 5 = 15$

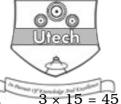
- 2. Alcoholism.
- 3. Immunization hazards.
- 4. Levels of prevention.
- 5. Iceberg of disease.
- 6. Passive immunity.

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(Long Answer Type Questions)

Answer any three of the following.



- 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.

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