	Unech
Name:	
Roll No. :	A Agreem of Farmerings and Excellent
Invigilator's Signature :	

CS/HM/SEM-4/BHM-401/2010

2010

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 any ten of the following:

 $10\times1=10$

- i) MDT stands for:
 - a) Measles, Diphtheria and Tetanus
 - b) Mumps, Diphtheria and Tetanus
 - c) Multiple Drug Therapy
 - d) Minimum Does Treatment.
- ii) Rheumatic heart disease is typically a disease of
 - a) infancy and childhood
 - b) childhood and adolescent
 - c) young adults
 - d) old age.

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iii)	In	India	"Universal	Immunization		Program" was		
	laur	iched ii	1 the year			A Pangue (y Exercising 2nd Explane)		
	a)	1974		b)	1980			
	c)	1985		d)	1990.			
iv)	In DPT vaccine P stands for							
	a)	Polio		b)	Pertus	ssis		
	c)	Chick	en Pox	d)	Plague	· ·		
v)	Which one is not a live vaccine?							
	a)	BCG		b)	Diphth	neria		
	c)	Chick	en Pox	d)	Measle	es.		
vi)	The	time	during whic	h an in	fectious	s agent may be		
	tran call		d from an	infected	person	n to another is		
	a)	Incub	ation period					
	b)	Latent period						
	c) Communicable period							
	d)	Gener	ation time.					
vii)	ii) All vaccines at PHC level are stored in							
	a)	ILR		b)	WIC			
	c)	EPI		d)	IHR.			
viii)	Whi	ch one	is not a zoon	otic disea	ase?			
	a)	Rabies	8	b)	Yellow	fever		
	c)	Plague	9	d)	Lepros	sy.		
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- ix) The expelled droplets during coughing, sneezing, speaking and spitting may
 - a) directly be transmitted to a person at a distance of 30-60 cm and infect him
 - b) become "droplet-nuclei" and remain airborne for long and infect a person later
 - c) settle down by weight and become part of "dust" to become airborne again and infect a person
 - d) only (a) and (b)
 - e) all of these.
- x) Which one is not a contraindication of live vaccine?
 - a) Leukemia
- b) Pregnancy
- c) Childhood
- d) AIDS.
- xi) Incubation period of Influenza is
 - a) 2-3 days
- b) 4-5 days
- c) 1-3 days
- d) None of these.

GROUP - B

(Short Answer Type Questions)

Write short notes on any three of the following.

 $3 \times 5 = 15$

- 2. Incidence and Prevalence
- 3. Rehabilitation.
- 4. Elimination and eradication of diseases.
- 5. Cold chain.
- 6. Herd immunity.

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(Long Answer Type Questions)

Answer any three of the following.



- 7. What is a communicable disease? Describe the ways of control of communicable disease along the chain transmission.
- 8. What do you mean by stroke and health problems related to stroke? Describe the natural history, risk factors and control of stroke through primary prevention.
- 9. Describe the Cohort study meaning and types, indications, framework, elements (steps) and analysis.
- 10. What are the preventive measures of influenza? Describe the process flow of an investigation of an epidemic. What is immunization?
- 11. What is Rehabilitation? What are the levels of prevention?

 Describe the surveillance of Leprosy.

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