[LB 549]   **AUGUST 2012**   **Sub. Code : 4073**

THIRD M.B.B.S. DEGREE EXAMINATION
PART – I
Paper III – COMMUNITY MEDICINE - I
Q. P. Code : 524073

Time : 180 Minutes   **Maximum: 60 Marks**

Answer **ALL** questions in the same order.

I. Elaborate on:

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. List & define the various types of mortality indicators. What are the uses and limitations of mortality data? Which mortality indicator would you choose to decide the relative importance of a disease as cause of death in a community?	16	25	7.5
2. Describe the epidemiology of Poliomyelitis in India. Explain the strategy for polio eradication in India. Add a note on the use of monovalent and bivalent oral polio vaccines.	16	25	7.5

II. Write Notes on :

1. Give the case definition of Acute Encephalitis Syndrome. How is it managed at PHC level?	3	8	3
2. What is Sampling. Explain the different random sampling methods.	3	8	3
3. What are the sources of water pollution? How do they affect health?	3	8	3
4. Define 'agent ' in disease causation. Explain the different types of agents.	3	8	3
5. Describe the steps in doing a Case control study.	3	8	3
6. Describe respiratory diseases common among farmers with causes, prevention and control.	3	8	3
7. Give details of the risk factors for hypertension.	3	8	3
8. Define and give the importance of herd immunity in disease control.	3	8	3
9. Primary prevention of diarrhoeal diseases.	3	8	3
10. Explain the concept of avoidable blindness.	3	8	3

III. Short Answers on :

1. Give the species of vector for Kala- azar.	1	5	1
2. Non auditory effects of noise.	1	5	1
3. Benefits to employer under ESI act.	1	5	1
4. List the most frequent causes of domestic accidents.	1	5	1
5. Drug supply for management of pediatric TB under RNTCP.	1	5	1
6. What is 'lead time'?	1	5	1
7. Immunity categories in tetanus.	1	5	1
8. Define Brocca's index and Lorentz's formula.	1	5	1
9. Components of minimum needs programme.	1	5	1
10. Objectives of multi drug therapy in leprosy.	1	5	1
11. Screening methods for cancer of breast.	1	5	1
12. Adverse effects of smoking on lungs.	1	5	1
13. Formulas for standard error.	1	5	1
14. Categories of waste disposed into blue / white container.	1	5	1
15. Behaviour change communication in malaria.	1	5	1