

[LB 549]

AUGUST 2012

Sub. Code: 4073

THIRD YEAR M.B.B.S DEGREE EXAM
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 Time Marks
(Max.)(Max.)(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 & 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 & 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
