

2010 Scheme

Q.P. Code: 303001

Reg. no.:

Third Professional MBBS (Part I) Degree Supplementary Examinations March 2026

Community Medicine - Paper I

Time: 3 Hours

Total Marks: 60

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Draw diagrams wherever necessary

Essay: (10)

1. 500 users of oral contraceptive pills aged 15-49 years together with a similar number of controls using other methods or no methods of contraception were under observation by 100 general practitioners. They were followed up and episodes of illness were recorded.
 - a) What is the study design
 - b) Describe the elements of the study design
 - c) What are the advantages and disadvantages of this study design (1+5+4)

Problems: (2x5=10)

2. A rural community has a high incidence of mosquito borne diseases. As a medical officer, design a control program to reduce the incidence of mosquito borne diseases in the community.
3. A urban slum has a high prevalence of anemia in school going children. Develop a nutrition intervention program to address the issue.

Short answer Question: (5x4=20)

4. Explain iceberg phenomenon of disease with a suitable example.
5. Explain the concept of syndromic case management in sexually transmitted diseases.
6. Discuss the roles/functions of the medico social worker in the hospital and community.
7. Age and sex pyramid of a population.
8. Natural history of disease with an example.

Differentiate between: (3x2=6)

9. Health education and Propaganda.
10. Primary and Secondary immune response.
11. Attributable risk and Relative risk.

Substantiate your answer with reasons: (2x2=4)

12. Health insurance is key to ensure health for all.
13. Verbal autopsy is an important measure to reduce maternal deaths in the community.

List the following: (5x2=10)

14. Contraindications for Intrauterine contraceptive device.
15. Components of Kangaroo mother care.
16. Measures of dispersion.
17. Methods of solid waste disposal.
18. Preventive measures of juvenile delinquency.
