

Q.P. Code: 303001

Reg. no.:

**Third Professional MBBS (Part I) Degree Regular/Supplementary
Examinations April 2022****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. Ramesh 7th semester MBBS student while doing his community medicine stay posting in a rural CHC observed that, there are around 15% people suffering from hypertension. He decided to find out risk factors of hypertension. Answer the following:

- What is the type of study design he should use if study has to be completed during the posting and mention reasons
- State the objectives of study
- Mention the methodology of study
- How will you analyze the data

(2+1+5+2)**Problems: (2x5=10)**

2. As a medical officer of a PHC, Prepare an action plan to ensure geriatric friendly health services in your area
3. Prescribe a therapeutic diet for a 35 year old male software engineer with body weight 85 kg, who has been diagnosed with type II diabetes mellitus

Short answer Question: (5x4=20)

4. Blocked flea
5. Human development index
6. Sanitary well
7. Pearl index
8. Histogram

Differentiate between: (3x2=6)

9. Case control and Cohort study
10. Health education and Counseling
11. Disinfection and Sterilization

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

12. Cultural factors play an important role in disease causation
13. Besides technical competence, a doctor must know how to communicate with his patients

List the following: (5x2=10)

14. Uses of descriptive epidemiology
15. Causes of infant mortality
16. Uses of screening
17. Steps in investigation of an epidemic
18. Indices of air pollution
