

**Third Professional MBBS (Part I) Degree Supplementary Examinations  
January 2021**

**Community Medicine - Paper II**

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. A lady brings her 2 years old daughter to the urban health centre, stating that the girl had developed a fever and a peppery rash on her face. You examine and diagnose this as a case of measles. On inquiry, the mother states that she has migrated from a far-away state and her child has not received any immunizations. Answer the following:
  - How will you plan the child immunization
  - Outline health problems faced by migrants in an urban area.
  - Describe the strategy for measles elimination in India

**(2+4+4)****Problems:****(2x5=10)**

2. A group of 40-year old software professionals have invited you to address them on how to prevent cardiovascular disease, since they have heard that it is the leading cause of death in India. Describe the outline of your session with them on this topic.
3. Cases of fever with severe joint pains, diagnosed as chikungunya fever, are reported from a ward in a town. Outline the steps you would take to control the disease and prevent spread.

**Short answer Question:****(5x4=20)**

4. Assessment and classification of acute respiratory infections in children under five years of age as per the current national programme.
5. Drug resistant tuberculosis
6. Malariometric indices
7. Pentavalent vaccine
8. Screening for breast cancer

**Differentiate between:****(3x2=6)**

9. First, second and third generation intra uterine contraceptive devices
10. Neurolathyrism and aflatoxicosis
11. Cost effective and cost-benefit analysis

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

12. "Active aging" is necessary in the Kerala scenario now
13. Breast milk is the ideal food for babies till six months of age

**List the following:****(5x2=10)**

14. The steps of the planning cycle
15. Functions of non-government organizations (NGOs) in health
16. Government health care delivery institutions from village to district level
17. Categorisation of Biomedical waste in India.
18. List four international health agencies