

2010 Scheme

Q.P. Code: 303001

Reg. no.:

Third Professional MBBS (Part I) Degree Supplementary Examinations February 2024

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. A surgeon in a tertiary hospital has been seeing a number of cases of carcinoma of the oral mucosa. The surgeon also observed that several of the patients gave a history of chewing the leaves of a particular plant and now approaches you to help design a research study to test the association between carcinoma of the oral mucosa which is fairly rare and chewing the leaves of this plant. Answer the following:

- a) What type of study would you carry out
- b) Describe the steps in this study design
- c) What are the advantages and disadvantages of the selected study design
- d) What is the relevant measure of association and how is it calculated (2+3+3+2)

Problems:

(2x5=10)

2. During an outbreak of hepatitis A it has been found that disinfection of wells is not proper. How will you give instructions to health worker for proper disinfection of wells.
3. There are reports of increasing number of cases of xerophthalmia in your PHC area.

Short answer Question:

(5x4=20)

4. Determinants of health
5. Types of epidemics with examples for each
6. List any six important air pollutants and mention their source and adverse effects on health
7. Integrated Vector Control Management.
8. Role and methods of early diagnosis in genetic diseases

Differentiate between:

(3x2=6)

9. 'Physical quality of life index' and 'Human development index'
10. Panel discussion and Symposium
11. Food fortification and Food supplementation

Substantiate your answer with reasons:

(2x2=4)

12. India can learn from the state of Kerala which can also be considered a yardstick for judging health status in the country
13. A proper waste management in a hospital can reduce hospital acquired infections.

List the following:

(5x2=10)

14. Different components of rehabilitation
15. Cold chain equipment used in the universal immunization programme
16. Indices of thermal comfort
17. Biomedical waste items to be segregated and collected in 'yellow' bags
18. Measures of dispersion as used in statistics
