

Third Professional MBBS (Part I) Degree Examinations, February 2015

Community Medicine-Paper I**Time: 3 Hours****Total Marks: 60**

- Answer all questions
- Draw diagrams wherever necessary

Essay:**(10)**

1. 10 students residing in your medical college hostel have been admitted to the hospital in the last 4 days with Jaundice. Answer the following:

- Is it an "epidemic". Mention its reasons in support your answer
- How will you investigate the above.
- State the likely aetiological factors for the above occurrence with reasons
- List the preventive measures you will take, to prevent further occurrences (2+4+2+2=10)

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

2. As a medical officer of PHC, what are the strategies you will plan to prevent and control iron deficiency anaemia in children in your area
3. Plan a diet for a 30 years old pregnant lady from the lower socio-economic status in an urban slum.

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

4. Hazards of agricultural workers
5. Iceberg phenomenon of disease
6. Approaches to health education
7. Couple protection rate
8. Measures of dispersion

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

9. Prospective and retrospective genetic counseling
10. Anopheles and aedes mosquito
11. Active and passive immunization

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

12. Social classification based on occupations has limitations
13. The "Germ theory of disease" takes a one sided view on causation

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

14. Types of Screening
15. Components of an epidemiological hypothesis
16. Criteria for judging "causality"
17. Indicators of "health"
18. Steps of a cohort study
