

**Q.P. Code: 303001**

**Reg. no.: .....**

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

## Community Medicine-Paper II

Time: 3 Hours

Total Marks: 60

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

(10)

1. A 10 years old boy studying in a primary school had hypopigmented patches at the back detected during school health check up. Answer the following:
- What are the probable causes.
  - How will you diagnose the condition.
  - What are the tests you perform.
  - How will you manage this case.

**Problems:**

(2x5=10)

2. Many cases of malaria are reported in a primary health centre area. How will you investigate. What are the malariometric indices you take to analyze and manage the situation.
3. A 3 years child was brought with fever and rashes on the body. The child was partially immunized. How will you diagnose and manage the case.

**Short answer Question:**

(5x4=20)

4. Multi drug therapy in leprosy
5. Directly observed treatment short course plus in tuberculosis
6. Nutritional anemia
7. Baby friendly hospital initiative.
8. Antiretroviral therapy centre

**Differentiate between:**

(3x2=6)

9. Type I and type II diabetes mellitus
10. Lepromatous and tuberculoid leprosy
11. Antigenic shift and drift.

**Substantiate your answer with reasons:**

(2x2=4)

12. Integrated vector management is an effective strategy for malaria control
13. Appropriate technology is suitable for health care in developing countries.

**List the following:**

(5x2=10)

14. Food toxicants
15. Morbidity indicators
16. Factory act
17. Millennium development goals
18. Biomedical waste management in a hospital set up.

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