



**Third Professional MBBS (Part I) Degree Examinations February 2017**

**Community Medicine-Paper II**

**Time: 3 Hours**

**Total Marks: 60**

- Answer all questions
- Draw diagrams wherever necessary

**Essay: (10)**

1. Srikrishna a 36 years old man has been diagnosed to have pulmonary tuberculosis. His 5 years old daughter Neethu is brought to you with a history of cough. As the medical officer of the PHC,
- How would you confirm the diagnosis of tuberculosis in the child
  - If diagnosed positive, what is the regimen that you would follow to treat the child
  - If negative, what are the next steps to be taken
- (3+4+3=10)

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

2. Increasing number of falciparum malaria cases are reported from your PHC area over the past two months. As the medical Officer of the PHC how will you tackle this situation?
3. Survey done in your PHC area reveals increasing number of cardiovascular diseases in the population. As the Medical Officer of the PHC, prepare an action plan to address this problem.

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

- 4. Hepatitis B vaccination for health care workers
- 5. Treatment of multi-bacillary leprosy in adults
- 6. Disaster cycle
- 7. Kishori Shakti Yojana
- 8. Blocked flea

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

- 9. Small pox and chicken pox
- 10. Antigenic shift and antigenic drift
- 11. Health education and propaganda

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

- 12. AIDS is reviving the old problem of tuberculosis
- 13. Checking blood pressure is the single most useful test in identifying individuals at risk of developing coronary heart disease.

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

- 14. Functions of a primary health centre
- 15. Steps in the planning cycle
- 16. Warning signs of poor mental health
- 17. Elements of evaluation
- 18. Human factors in accident causation

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