

Third Professional MBBS (Part I) Supplementary Degree Examinations,  
September 2014

**Community Medicine-Paper I**

**Time: 3 Hours**

**Total Marks: 60**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(10)**

1. Sanjana is a recent MBBS graduate who is working as a medical officer in a primary health centre. There a number of patients present to her with signs of jaundice. A local traditional medical practitioner tells her about the usefulness of a special plant in the treatment of jaundice. She decides to test plant. Answer the following:

- What type of study design should she use
- What are the steps of such a study
- How she will analyze the data, that she has gathered (2+4+4=10)

**Problems:**

**(2x5=10)**

2. As a medical officer of a primary health centre what are the steps that you will take to investigate the outbreak of food-poisoning following a village festival
3. What are the critical factors that you will consider, when taking the history of a 40 years old male whose BMI is 28.5, who presents to you at an annual medical check-up conducted by his company

**Short answer Question:**

**(5x4=20)**

4. Dietary goals recommended by WHO experts
5. Effects of noise exposure
6. Third generation IUCDs
7. Causes of sickness absenteeism
8. Symptoms of drug addiction

**Differentiate between:**

**(3x2=6)**

9. Pre-employment medical check and periodic medical check
10. Early expanding stage and late expanding stage in the demographic cycle
11. Isolation and quarantine

**Substantiate your answer with reasons:**

**(2x2=4)**

12. Exclusive breastfeeding is imperative for the young infant
13. Medic-social worker is an important part of the health team

**List the following:**

**(5x2=10)**

14. Criteria for judging causality
15. Specific protection methods
16. Indicators used in the calculation of human development index
17. Steps in a case-control study
18. Drugs used in category II of tuberculosis treatment