

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

- Answer all questions
- Draw diagrams wherever necessary

**Essay:****(10)**

1. The district hospital reports a confirmed case of anthrax from one of the villages in your primary health center and you are instructed to investigate it. Answer the following.

- Describe the steps you take for the investigation.
- How will you manage the case
- What are the preventive measures

**(5+3+2)****Problems:****(2x5=10)**

2. The Warden of a hostel brings a child to you with scabies. What advice will you give to the Warden in managing the case.

3. In a community health center what steps can be taken by the health care workers to address adolescent health problems of the area.

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

4. Couple protection rate
5. Mid-Day meal scheme
6. "At Risk" infant
7. Effects of noise pollution
8. Lead poisoning

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

9. Pre-placement and periodic examination
10. Demand feeding and exclusive breastfeeding
11. Source and reservoir of infection

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

12. Herd Immunity does not protect against tetanus
13. Vitamin A supplement is given to a child recovering from measles

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

14. Benefit under ESI Act
15. Vectors of malaria and their breeding places
16. Indicators used in computing Kuppusamy scale
17. Steps in a case-control study
18. Two advantages and disadvantages of a nuclear family

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