

Q.P. Code: 303001

Reg. no.:

Third Professional MBBS (Part I) Degree Examinations February 2017

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 tasked 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 essential 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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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. Suma 9 years old child from a boarding school in the area covered by your primary health centre, presents with signs suggestive of scabies. As medical officer how will you manage the situation
3. As the medical officer of a primary health centre you are asked to prepare a project to improve the services for adolescents through the anganwadis under your jurisdiction. Describe your project.

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
