Third Professional MBBS (Part I) Degree Regular/Supplementary Examinations May 2021

Community Medicine - Paper I

Time: 3 Hours   Total Marks: 60

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essay: **(10)**

1. Define infant mortality rate. What are the factors influencing infant mortality in India. What are the measures taken to reduce infant mortality in India.   (2+4+4)

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

2. A primary school teacher comes with a student complaining of itching of hands and a history of similar complaints among few other students in her school. As a medical officer what will you do to that student and what advice you give to the teacher.

3. As medical officer what measures will you take to reduce anemia among pregnant women in your area.

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

4. Demographic cycle

5. Incidence and prevalence of a disease

6. Sensitivity and specificity of a screening test

7. Cultural factors in health and disease

8. Epidemiological triad

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

9. Relative risk and attributable risk

10. Slow and rapid sand filters

11. Eugenics and euthenics

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

12. Sanitary latrine to prevent faeco-oral transmission of diseases

13. Iodization of salt

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

14. Uses of epidemiology

15. Methods of solid waste disposal

16. Methods of nutritional assessment

17. Dimensions of health

18. Methods of sampling

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