

**Q.P. Code: 316001****Reg. no.:**

**Third Professional MBBS (Part I) Degree Supplementary Examinations
August 2023
Community Medicine - Paper I
(2019 Scheme)**

Time: 3 Hours**Total Marks: 100**

- 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

Long Essays**(2x15=30)**

1. A health education session for mothers of under five children on nutrition is to be conducted by you at the Primary Health Centre.
 - a) Which methods of health communication can be used
 - b) What are the types of models of health education
 - c) What are the possible barriers to communication
 - d) What are the principles of health education applicable
 - e) List the health functionaries who can be involved in conducting the session

(3+3+3+5+1)
2. An employee of a coal industry developed cough and fever for 3 weeks. He is diagnosed to be suffering from Tuberculosis.
 - a) Is this employee covered by the ESI act
 - b) Is his employee eligible to avail extended sickness benefit
 - c) What are the provisions of sickness benefit
 - d) List the benefits to employees in the ESI act
 - e) Name another important factory law in India
 - f) Describe the preventive and control measures of Pneumoconiosis

(1+1+2+4+1+6)

Short Essays**(5x8=40)**

3. A few cases of Acute Gastroenteritis are reported in a Medical College hostel. Discuss the steps in the investigation of the epidemic and the control measures.
4. Design the steps of a Cohort study to be conducted among children to find out risk factors of obesity among them.
5. List the indicators for monitoring Iodine Deficiency Disorders in a community and the daily recommendations of Iodine for adults and pregnant women.
6. Describe the measures of validity of a screening test.
7. Classification and prevention of protein energy malnutrition.

Short Answers**(5x4=20)**

8. Demographic cycle
9. Prevention of genetic disorders
10. Community diagnosis.
11. Epidemic Dropsy.
12. Classification and disposal of biomedical waste in India.

Precise Answers**(10x1=10)**

13. Give two examples of an emerging disease.
14. Components of PQLI.
15. Relationship between incidence and prevalence.
16. E.coli count allowable in drinking water.
17. An example for a Social organization.
18. Define incidence
19. Two examples of measures of dispersion.
20. An example for fomite transmitted disease.
21. Flight range of Aedes mosquitoes.
22. Maternity benefit in the ESI Act.

