Q.P. Code: 316001   Reg. no.: …………………

Third Professional MBBS (Part I) Degree Regular Examinations
February 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. Final MBBS students observed that a high number of cases of oral cancer are admitted to the surgery department of teaching hospital where they are posted. They want to find out the risk factors for oral cancer. Answer the following.
   a) What type of study would they have to undertake.
   b) Write the methodology.
   c) Mention ways to analyse and interpret the data   (2+7+6)
2. What are the sources of air pollution. Discuss the effects of air pollution on health. Write a note on the prevention and control of air pollution.   (3+6+6)

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

3. Prepare a diet chart for a lactating woman with a five month old infant from the lower socioeconomic status in an urban slum.
4. As a medical officer of a PHC what are the steps that you will take to investigate a outbreak of food poisoning following a village festival.
5. Discuss the concept of natural history of disease with suitable example.
6. Enumerate the different types of pneumoconiosis. Discuss the epidemiology of asbestosis.
7. Enumerate the sources of health information in India. Discuss briefly the methodology of conducting census in India.

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

8. Specificity and sensitivity of screening tests.
9. Prevention of iodine deficiency disorders.
10. Juvenile delinquency.
11. Indicators of quality of life.
12. Role of mass media in health education.

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

13. List the steps of conducting a cohort study.
14. Mention any two criteria for judging causality of disease.
15. Mention any two differences between prospective and retrospective genetic counselling.
16. Mention any two measures of central tendency.
17. Mention any two differences between isolation and quarantine.
18. Mention any two types of carriers.
19. Mention any two differences between net reproduction rate and gross reproduction rate.
20. Importance of lead time in screening.
21. Mention any two methods of group health education.
22. Mention any two millennium development goals related to health.

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