

Third Professional MBBS (Part I) Degree Supplementary Examinations
June 2024
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. Rema aged 30 presents to your OPD with tiredness. She is now 28 weeks pregnant. On investigation her Hb is found to be 5g/dl.
 - a) What is the diagnosis
 - b) How will you manage this patient
 - c) What is the WHO classification of this disease
 - d) What are the complications of this condition
 - e) How will you prevent such cases in the community
2. A study to assess the risk factors of anemia among adolescent girls is to be undertaken in a PHC area.
 - a) Suggest an appropriate study design.
 - b) List the steps of conducting this study design
 - c) What are the advantages of this study design
 - d) Classify epidemiological study designs
 - e) Is it possible to establish a cause effect relationship
 - f) List the bias/biases involved in this study.

(1+3+3+2+6)

(2+2+3+5+1+2)

Short Essays

(5x8=40)

3. Describe the health problems and indicators for monitoring of air pollution.
4. Differentiate between a screening test and a diagnostic test.
5. Describe the measures of Mortality.
6. Discuss the steps in conducting a RCT to determine the efficacy of a new anti-hypertensive medication.
7. List the criteria for inclusion of drugs as essential medicines.

Short Answers

(5x4=20)

8. Barriers of communication.
9. Standard normal curve.
10. Control of vitamin A deficiency disorders.
11. Environmental control of mosquitoes.
12. Iceberg phenomenon.

Precise Answers

(10x1=10)

13. Two differences between eugenics and euthenics
14. An example of a disease with a high case fatality rate.
15. Nutritive value of an egg.
16. Give one disadvantage of lecture.
17. An example of a disease requiring periodic health examination among workers.
18. Difference between Rate and Proportion.
19. List the measures of Central Tendency.
20. The period allowed for birth and death registration in India.
21. Who is an eligible couple.
22. Disinfection of waste sharps.
