

Third Professional MBBS (Part I) Degree Supplementary Examinations
June 2024
Community Medicine - Paper II
(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. Ramu aged 45 years who had a recent travel to Orrisa now presents to your PHC with condition of high fever and chills. On investigation malarial parasite seen in blood.
 - a) What are the species of malarial parasites seen in India.
 - b) How will you treat malarial infections in India.
 - c) What is the chemoprophylaxis for malaria as per national policy.
 - d) How will you control malaria in your PHC area.
 - e) Name the national programme associated with malaria (2+5+3+4+1)
2. A school teacher reported to the PHC Medical Officer that three children in the 9th standard with a class strength of 40 children have white patches on the skin with loss of sensation.
 - a) What is your probable diagnosis.
 - b) What is the attack rate of this disease.
 - c) Describe the case finding methods.
 - d) List the objectives of multi-drug chemotherapy.
 - e) Describe the standard treatment regimen for children aged 10-14 years. (2+2+4+2+5)

(5x8=40)

Short Essays

3. Describe the health problems of the elderly.
4. Who is an ideal IUD candidate. Enumerate the side effects of IUD.
5. Describe the risk factors for coronary heart disease.
6. An HIV positive mother has delivered a newborn. Discuss the steps in prevention of parent to child transmission of HIV.
7. The weight for age z scores of three out of twenty children attending an Anganwadi Centre is -3.1. Discuss the steps to be taken in the management of these children.

Short Answers

(5x4=20)

8. Describe immediate newborn care.
9. Important provisions in tobacco control legislations in India.
10. National Health Mission
11. Rule of halves.
12. Describe the measures of fertility.

Precise Answers

(10x1=10)

13. Goal of expenditure on health care as percentage of GDP to be achieved by 2025.
14. SDG target for ending the epidemic of TB.
15. Name a worldwide international health agency.
16. Types of PHC's according to IPHS standards.
17. Panchayat Raj System at the village level.
18. An example for Cost effective analysis.
19. Define eligible couple.
20. Common side effects of Pentavalent vaccine.
21. Cut offs for fast breathing in a child aged 18 months.
22. List the environmental health measures for rehabilitation after a disaster.
