

## 2010 Scheme

Q.P. Code: 304001

Reg. no.: .....

### **Third Professional MBBS (Part I) Degree Supplementary Examinations August 2023**

#### **Community Medicine - Paper II**

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. Mrs. Lalitha, a 25-year-old school teacher, had cough and fever for 3 weeks. She visited a practitioner who prescribed a course of antibiotics. As there was no improvement a chest X-ray was advised which showed persistent right upper zone infiltrates, she was then diagnosed to have TB and was immediately started on INH, Ethambutol and Pyrazinamide in a combination available at the nearby pharmacy. She was irregular for two months because it was expensive. Since she felt better, she then stopped taking medicines. Three months later she was brought to casualty gasping for breath and died. In the meantime, her one-year-old child Preethi developed prolonged fever, vomiting and convulsions.
  - a) List all the issues and consequences in the management of Mrs. Lalitha.
  - b) What could have been done differently to tackle the issues and prevent these problems, what advise she should get considering her occupation to be a school teacher
  - c) With a flow chart, elaborate the new diagnostic algorithm for detecting pulmonary tuberculosis under National TB Elimination program.
  - d) What prevention strategies should have been taken for Preethi (2+2+4+2)

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

2. The outreach workers of your Primary Health Centre (PHC) are reporting resistance to COVID-19 vaccination acceptance in a village due to vaccine misinformation by their religious leader. As the medical officer of the PHC how would you plan to ensure vaccine acceptance and build vaccine trust in the local community.
3. 35 families were displaced from their households following heavy rain fall and flood to a temporary settlement in a Government LP school. You are the medical officer of the PHC in this area.
  - a) What are the issues related to provision of safe water and hygiene, you would anticipate in this place.
  - b) What are the measures you will suggest to the district health authority to implement in the settlement

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

4. Roles and responsibilities of Accredited Social Health Activist (ASHA)
5. Network analysis in health management.
6. Risk factors of Non Communicable diseases
7. Behavioral change communication
8. Syndromic management of genital ulcers at STI clinic

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

9. Man-made and Natural disaster.
10. High risk strategy and Mass prevention strategy in primary prevention of Non-Communicable diseases.
11. Monitoring and Evaluation.

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

12. Health education is the vaccine for prevention of road traffic injuries.
13. Weekly and not daily iron and folic acid supplementation for adolescents under anemia mukht bharat.

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

14. Segregation of biomedical waste using different colour codes
15. Occupational hazards among agricultural workers.
16. Functions of World Health Organization (WHO)
17. Barriers for health communication.
18. Conditional cash transfer schemes for pregnant mothers under National health mission.

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