

15/25

The West Bengal University of Health Sciences
MBBS 3rd Professional P-I Examination (New Regulation) June, 2025

Subject: Community Medicine
Paper: II

Full Marks: 100
Time: 3 hours

Attempt all questions. The figures in the margin indicate full marks.

1. a) What are the government schemes for family planning in India? Describe the unmet need of family planning in India? How this problem can be tackled? 5+5+5

b) A worker of a factory is having dyspnea, clubbing of fingers and cyanosis. His chest X Ray shows ground glass appearance in lower one third of the lungs. What is the diagnosis? Describe the prevention and control measures for the disease. Enumerate the benefits of employee under ESI act. 1+10+4

2. a) In a village, the source of drinking water is tubewell. Mottling of teeth is seen in some school children. What is the diagnosis? What are the other features of the disease? How the disease can be controlled? 1+5+4

b) What is communication? What are the barriers of communication? Write down the different group approaches of health communication. 5+5

c) What are the objectives of ICDS? Who are the beneficiaries of this program? Briefly describe the services provided to them. 2+2+6

3. Write short notes on: 2x5
 - i) Cost effective and cost benefit analysis in health care.
 - ii) Mental health problems of geriatric population.

4. Explain the following statements: 5x4
 - a) SRS provide reliable estimates of birth and death in India.
 - b) The voluntary health agencies play an important role in health care delivery.
 - c) Rice-dal combination is good.
 - d) JSY aims to reduce maternal mortality.
 - e) Social security and social assistance are not synonymous.

5. Choose the correct answer for each of the following: 10x1
 - i) Alma Ata conference was held in:
a) 1948 b) 1956 c) 1977 d) 1978

 - ii) Which of the following is the most common type of occupational cancer?
a) Lung cancer b) Skin cancer c) Bladder cancer d) Leukemia

- iii) To prevent neural tube defects, grain products are now fortified with:
a) Iron b) Folate c) Protein d) Vitamin C.
- iv) In hilly areas, tribal or backward areas, one sub centre serves a population of:
a) 3000 b) 5000 c) 20000 d) 30000
- v) The number of live births per 1000 women in the reproductive age group in a year refers to:
a) Total fertility rate b) Gross Reproduction Rate
c) Net Reproduction Rate d) General Fertility Rate
- vi) All are true about Panel discussion except:
a) Panel of 4-8 experts discuss a health topic b) Audience is present
c) Specific order, set speeches d) Audience can take part
- vii) Pulse protein is deficient in which of the following essential amino acid?
a) Lysine b) Methionine c) Threonine d) Tryptophan
- viii) In India birth must be registered within:
a) 7 days b) 14 days c) 21 days d) 28 days
- ix) Absolute contra indication of OCP in case of:
a) Epilepsy b) Chronic renal disease
c) Diabetes Mellitus d) Undiagnosed abnormal uterine bleeding
- x) 'Twin fortified salt' contains:
a) Iodine + fluorine b) Iodine + calcium c) Iodine + iron d) Iodine + chlorine