

Question Paper

Exam Date & Time: 15-Mar-2025 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

THIRD PROFESSIONAL YEAR MBBS PART I DEGREE EXAMINATION - MARCH 2025

SUBJECT : COMMUNITY MEDICINE - PAPER - II

(CBME SCHEME - 2019/2020/2021 BATCHES - REPEATERS)

Marks: 100

Duration: 180 mins.

Answer all the questions.

Section Duration: 20 mins

MCQ:

Answer all the questions.

Long questions:

1. With the decline in infant mortality, "perinatal mortality rate" has assumed greater significance as a yardstick of maternal and child health care.

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| 1A) | Justify this statement. | (2) |
| 1B) | Enumerate the social and biological factors associated with perinatal mortality. | (4) |
| 1C) | Discuss the preventive and social measures towards reducing perinatal deaths. | (4) |

2. A primigravida presents to the primary health center for the first antenatal checkup following two months of amenorrhea. Upon investigation, she was found to have a hemoglobin level of 10g/dl.

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| 2A) | What is the specific nutritional deficiency she may be suffering from? | (1) |
| 2B) | Describe the management of this specific case. | (2) |
| 2C) | Discuss the six interventions available under the national health program for the prevention and management of this nutritional deficiency. | (7) |

3. Short notes:

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| 3A) | You have been asked to deliver a health education session to a group of 100 adolescent girls on menstrual hygiene. Enumerate the barriers for health communication in this context which could affect the effectiveness of the session. | (4) |
| 3B) | A six month old child is brought to the primary health center by the mother with complaints of poor feeding, repeated upper respiratory infections and poor weight gain. On examination, child was pale, febrile, had pitting pedal edema and weighed 2.1 kg.
i) Where would you refer this child for further management?
ii) Enumerate the services provided at such centers.
(1+3 = 4 marks) | (4) |

- 3C) What is 'high risk' approach in antenatal care? Enlist any six high risk conditions. (4)
(1+3 = 4 marks)
- 3D) Describe the plan of segregation and terminal disposal of biomedical waste generated during routine immunization session. (4)
- 3E) Discuss the concept of 'self-care' in diabetes. (4)
- 3F) Enlist the beneficiaries and services provided under the Integrated Child Development Services (ICDS). (4)
- 3G) In your capacity as a medical officer in-charge for managing mass casualties in a flood affected area, describe the measures that you would undertake to control and manage the situation. (4)
- 3H) Briefly describe the risk factors for hypertension. (4)
- 3I) Discuss the ecological factors related to malnutrition. (4)
- 3J) Discuss the types of cancer registry. (4)
- 3K) What is food fortification? Discuss the criteria to be fulfilled by the vehicle and the nutrients to qualify for food fortification with a suitable example. (4)
(1+3 = 4 marks)
- 3L) "Accident prevention requires intersectoral approach for its prevention and care of the injured". Justify this statement in the context of road traffic accidents. (4)
- 3M) Explain any four benefits for employees under Employee State Insurance (ESI) act. (4)
- 3N) What are the elements of primary health care? (4)
- 3O) Enumerate the uses of growth chart. (4)

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