

**ATAL BIHARI VAJPAYEE MEDICAL
UNIVERSITY, UTTAR PRADESH
MBBS DEGREE EXAMINATION - III rd
PROFESSIONAL - PART-1
SUPPLEMENTARY EXAMINATION - MAY
2025
PAPER-I-COMMUNITY MEDICINE**

TIME : 3 Hrs

Max. Marks: 100 Marks (80 Theory + 20MCQs)

NOTE: Attempt all questions. This question paper consists of two sections: Section A- Multiple Choice Questions and Section B- Theory Questions. Both the section has different paper code. Write correct paper code on respective sheet Write correct MCQ paper set on OMR sheet Answer MCQs on the provided OMR sheet and theory questions on the provided answer booklet.

SECTION B - THEORY QUESTIONS

PAPER CODE : 2521230010

Q.1 Long Answer Question 15 MARKS

- i) What is analytical epidemiology?
- ii) How will you design a case control study to prove that high amount of environmental radiation has accounted for the high incidence of Leukemia among the local residents living close to a nuclear plant?
- iii) Discuss the advantages vis-à-vis disadvantages of a

case control study.

3 marks

9 marks

3 marks

**Q.2 Clinical Case Scenario based Structured Question
15 MARKS**

A two years old child with history of passing watery stool every 2-3 hours, is restless with dry mouth & sunken eyes, has been brought to the PHC.

i) As a MO how will you assess, classify & manage the case as per IMNCI guidelines?

ii) What advise you should give to mother for prevention of occurrence of such condition in future.

8 marks

7 marks

Q.3 Short Note Question (Approx 500 Words)

5 x 6 = 30 MARKS

i) Discuss role of family in health and disease.

ii) Mention Food Safety Standards in India.

iii) Role of Indian medical Graduate.

iv) Classify water-borne diseases and enlist the criteria for safe and wholesome water.

v) Describe four basic principles of Medical Ethics and essential features for maintaining a healthy doctor-patient relationship.

Q.4 Short Answer Questions (Within 100 Words)

5 x 4 = 20 MARKS

i) Multifactorial causation of disease

- ii) Components of Epidemiological Triad.
- iii) Discuss in brief various types of sampling techniques.
- iv) Difference between Anopheles and Aedes Mosquito.
- v) Contributions of John Snow & James Lind in public health.

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