

**The West Bengal University of Health Sciences****MBBS 3<sup>rd</sup> Professional Part – I Examination, 2014****Subject: Community Medicine****Time: 2 ½ hrs.****Paper: I****Full Marks: 60**

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Use Separate answer script for each group

Attempt all questions. The figures in the margin indicate distribution of marks in each Question.

**Group A**

1. Answer any one of the following:

a) Describe the salient features of different types of time trends in disease occurrence with suitable examples. What are the different possible changes over time that you should keep in mind while interpreting time trends. 9+3

b) Describe the natural history of disease. Discuss briefly the different levels of prevention & modes of intervention as applied to Pulmonary tuberculosis. 4+8

**Group - B**

2. Answer any two questions

a) Rising trends in the occurrence of diabetes has been observed throughout India. Describe the epidemiological determinants of diabetes. Discuss the methods of primary prevention of type 2 diabetes. 7+5

b) A person was bitten by a dog in the street. The bite was single and on face. What is the category of bite? Outline the management of this case. What is pre-exposure prophylaxis? 2+7+3

c) What are the functions of Block Primary Health Centre. Mention the National Programs under a BPHC. What is "Record Linkage" and what is "Tracking of Beneficiaries" under Maternal & Child Health Care. 4+4+2+2

**Group – C**

3. Write short notes on any three of the following: 3 X 4

a) DALY

b) Preventable blindness

c) Preventive services offered by your Medical College and Hospitals.

d) Disaster Preparedness.

**Group - D**

4Answer in brief any three of the following:

3X 4

- a) ICTC should be supported by ART/link ART Centre — Explain.
- b) Prioritization is an important step in health planning — explain why?
- c) Sensitivity and specificity of a screening test are inversely related.
- d) For small samples, median is a better measure of central tendency than mean. Why?

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