

**The West Bengal University of Health Sciences****MBBS 3<sup>rd</sup> Professional Part – I Examination, 2016****Subject: Community Medicine****Time: 2 ½ hrs.****Paper: I****Full Marks : 60**

Use Separate answer script for each group

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

**Group A**

1. Answer any one question

a) Define 'Epidemiology'. How can you estimate the disease risk in 'case control study'? What are the biases in 'case control study' including the process of elimination as applicable? 2+4+6

b) Enumerate the levels of prevention and modes of intervention in each level. Discuss the levels of Prevention in context of Diabetes. 4+8

**Group - B**

2 Answer any two questions:

a) Mention the modes of transmission of HIV / AIDS. Explain the role of high risk group and bridge population in HIV transmission. Outline the strategies undertaken in National Programme to reduce transmission from high risk group. 2+3+7

b) A recent public demonstration has occurred in a Block Primary Health Centre, about the disposal of Biomedical waste contaminating water body by the side of the hospital. As a BMIOH of that hospital, what measures would you like to adopt for proper waste management of your hospital ? 12

c) In Kolkata and its suburbs, a few cases of Dengue are being reported for last one month. How Dengue can be diagnosed? What measures do you like to suggest for its control? 6+6

**Group – C**

3. Write short notes on (any three): 3 X 4

a) Cancer registry.

b) Laboratory network under RNTCP.

C) Triple blinding in Epidemiological studies.

d) Measures of dispersion.

**Group - D**

4. Explain any three of the following :

3 X 4

- a) Quarantine and Isolation are not synonymous — explain
- b) Triage approach can provide maximum benefit in disaster situation — justify.
- c) Integrated vector management is the most effective method of vector control' — Justify
- d) The Census is an important tool of Health information - explain

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