

The West Bengal University of Health Sciences**MBBS 3rd Professional Examination, 2017****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) Enlist the types of epidemiological studies. Discuss the importance of incubation period in epidemiological studies. Describe different time trends in disease Occurrence. 3+4+5

Or

- b) Name the two important inorganic chemicals of health significance present in ground water of West Bengal. Describe in brief the health effects and control measures of any one. 2+5+5

Group - B

2. Answer any two questions :

- a) A sputum positive pulmonary TB patient was found sputum +ve after 5 months of treatment with category 4. What is your inference about the case? What is the next line of management as per RNTCP? 2+10

- b) A six months old child was brought by the mother at OPD, presenting with loose stool for more than three times with vomiting from last night. On examination, the child was found restless and drinking eagerly, Classify diarrhoea. Outline the management. What information you want to make the mother aware of the situation? 4+6+2

- c) Significant number of cases of jaundice were reported from an urban locality. As a public expert how do you investigate it and what remedial measures do you suggest for the problem? 6+6

Group – C

3. Write short notes on (any three): 3x4

- a) Modifiable risk factors of hypertension.
- b) Types of ventilation.

C) DALY

d) Bacterial indicators of drinking water quality.

Group - D

4. Explain any three of the following :

3 X 4

a) Sterilisation and disinfection are not synonymous.

b) Majority of blindness can be prevented - explain

c) Biomedical waste should be segregated at source.

d) Carriers, though less infectious are epidemiologically dangerous.

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