

The West Bengal University of Health Sciences
MBBS 3rd Professional Part-I Examination, March, 2021

Subject : Community Medicine
Paper : I

Full Marks : 60
Time : 2^{1/2} hours

Attempt all questions. The figures in the margin indicate full marks.

1. Answer *any one* of the following:

- a) Classify epidemiological studies. Explain the epidemiological features of cyclic trend and secular trend in disease occurrence with examples. What is confounding in epidemiological study? 4+6+2
- b) Mention the characteristics of safe and wholesome water. Classify water borne diseases. Briefly discuss the three methods for water purification at the household level. 2+4+6

2. Answer *any two* of the following:

- a) Risk factors of hypertension are multiple. Identify the modifiable risk factors for hypertension and briefly discuss the non pharmacologic components in management of hypertension. 4+8
- b) What are the different modes of transmission of Covid 19 infection? Who are high-risk groups? Discuss its prevention. 4+4+4
- c) What is 'disaster'? Outline the 'management' in relation to recent cyclone 'Amphan' in W.B. 3+9

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

- a) Integrated vector Management. 3 x 4
- b) Measures of dispersion.
- c) Importance of incubation period.
- d) Biochemical oxygen demand.

4. Explain *any three* of the following:

- a) Isolation and Quarantine are not synonymous - explain. 3 x 4
- b) Census is an important source of Health information - discuss.
- c) There are 4 types of colour coding bags as per Bio Medical Waste Management rule 2016, amended at 2018 - explain.
- d) Tuberculosis is an old disease but a new threat - Justify.