

015/24

The West Bengal University of Health Sciences
MBBS 3rd Professional Part-I Examination (New Regulation),
August 2024

Subject: Community Medicine
Paper: I

Full Marks: 100
Time: 3 hours

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

1. a) Describe "Ice berg phenomenon of disease". Enlist the significance of 'Submerged portion' of the 'Ice-berg'. Briefly outline the strategies to address the 'Submerged portion' under national programmes with suitable examples. 3+4+8
- b) A 65 year old smoker has attended a hospital with c/o chest pain lasting for one hour, vomiting and sweating. What is the most probable diagnosis? What are risk factors of the disease? How the disease can be prevented? 1+7+7
2. Write on the following:
- a) What are the uses of health information? Enumerate its sources and describe any one of them. 3+3+4
- b) Write the title of an under graduate students project for assessing the knowledge and practice of addicting substance among high school children in a village. Write down the objectives of the study. Define population for this study. What will be inclusion and exclusion criteria? 3+3+1+3
- c) Mention the parameters used for measurement of Malaria. Outline the control and management of uncomplicated malaria as per National Vector Borne Disease Control Program (NVBDCP). 2+5+3
3. Write short notes on the following: 2 x 5
- a) Informed consent.
- b) Modified Kuppuswamy socioeconomic status scale.
2. Explain the following statements: 5 x 4
- a) Influenza vaccine must be taken yearly.
- b) The word disability and handicap are not synonymous.
- c) Recent changes in National Immunization schedule are rational.
- d) Set back area is important for healthful housing.
- e) Prevention is the main stay of treatment for Rabies.
5. Choose the correct option for each of the following: 10x1
- i) True about citrate in ORS is:
- a) Increased shelf life b) Nutritious
- c) Cheaper d) Tastier

ii) Sentinel surveillance under NACP is done every:

- a) 2 years
- b) 3 years
- c) 4 years
- d) 5 years

iii) All of following are example of health promotion except:

- a) Installation of sanitary latrine
- b) Immunization
- c) Mosquito Control
- d) Nutrition education

iv) Time gap between primary and secondary case is called:

- a) Incubation period
- b) Serial interval
- c) Lead time
- d) Median incubation

v) In epidemic investigation 1st step is:

- a) Verification of diagnosis
- b) Notification
- c) Resource allocation
- d) Formulation of hypothesis

vi) The desirable HDL cholesterol level (mg/dl) in male is:

- a) ≥ 30
- b) ≥ 60
- c) ≥ 50
- d) ≥ 40

vii) Broken glass slides are discarded in:

- a) White container
- b) Yellow container
- c) Black container
- d) Red container

viii) Advantage gained by timely screening test is:

- a) Generation time
- b) Screening time
- c) Lead time
- d) Serial interval

ix) According to WHO, a medicine/drug will be termed as counterfeit in all except:

- a) Mislabeling
- b) Fudging expiry date
- c) Low cost
- d) Insufficient ingredient

x) Cumulative frequency curve is known as:

- a) Histogram
- b) Frequency Polygon
- c) Grouped Frequency
- d) Ogive