

**MBBS III (Third) Professional Part-1 Examination  
2019-20**

Course Code:MBS301

Paper ID:03119301

**Community Medicine - I**

Time: 2 Hours 40 Minutes

Max Marks: 50

**Note:** Attempt all questions. Draw proper diagrams to support your answer.

**Part 'B'**

1. Describe in detail about epidemiology and prevention and control of hypertension. (12)
2. Describe briefly: (6x3=18)
  - a) Biological transmission
  - b) Integrated vector control
  - c) Activated sludge process
3. Write short notes on: (5x4=20)
  - a) Bagassosis
  - b) Standard deviation
  - c) Breakpoint chlorination
  - d) Post- exposure prophylaxis of rabies

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Roll No.

Student's Signature

Student's Name

Invigilator's Signature

Course Code:MBS301

Community Medicine - I

Paper ID: 03119301

**Part 'A'**

Time: 20 Minutes

Max Marks: 10

- Note:**
1. Attempt all questions and return this part of the question paper to the invigilator after 20 Minutes.
  2. Please tick (✓) correct one only. Cutting, overwriting or any other marking are not allowed.
  3. For answering please use Ball- pen only.

- Q.2 Prevalence of cataract at one point of time can be determined by:
- Longitudinal study
  - Cross sectional study
  - Surveillance
  - Cohort study

- Q.3 Descriptive epidemiology includes all except:
- Retrospective and prospective study
  - Disease distribution
  - Time
  - Place

- Q.4 Which is not an analytical study:
- Case control study
  - Cohort study
  - Ecological study
  - Field trials

- Q.5 Screening test has the following features except:
- Done on apparently health individuals
  - It is less accurate
  - Test results are arbitrary and final
  - It can be used as a basis for treatment

- Q.6 Diphtheria carriers are diagnosed by:
- Throat culture
  - Grams staining
  - Albert's staining
  - Shick test

- Q.7 Sputum positive TB is:
- 1 out of 2 sputum sample positive
  - 2 out of 3 sputum sample positive
  - BACTEC positive
  - Montoux test positive

- Q.8 Hepatitis A virus shedding in feces is:
- One week before the symptoms appear
  - Two weeks after the symptoms appear
  - Two weeks before the symptoms and two weeks after the symptoms
  - One week before the symptoms and one week after the symptoms

- Psychrometer
- Anemometer
- Wet bulb thermometer

- Q.17 Confidence limit in 2SD is:
- 66%
  - 95%
  - 98%
  - 90%

- Q.18 Incineration is done for:
- Waste sharps
  - Human anatomical waste
  - Radiographic waste
  - Used batteries

- Q.19 Which of the following are associated with cancer of urinary bladder:
- Nickel
  - Naphthylamines
  - Arsenic
  - Lead

- Q.20 Byssinosis is seen in:
- Cement factories
  - Textile industries
  - Iron factories
  - Grain fields

- Q.10 Dengue fever is transmitted by:

- Culex tritaeniorhynchus
- Culex vishnui
- Aedes aegypti
- Anopheles stephensi

P.T.O.

- Q.11 All of the following factors are responsible for resurgence of malaria except:
- Drug resistance
  - Use of bed nets
  - Vector resistance
  - Mutation in parasite

- Q.12 Life cycle of filaria in mosquito is described as:
- Cyclo-propagative
  - Cyclo-developmental
  - Propagative %
  - None

- Q.13 Which of the following is a zoonotic disease:
- Hydatid cyst
  - Malaria
  - Filariasis
  - Dengue fever

- Q.14 Following dietary changes are advised to reduce prevalence of coronary heart disease except:
- Increased complex carbohydrate intake
  - Saturated fat intake less than 10% of total energy intake
  - Salt intake less than 20 gms/day
  - Reduce fat intake to 20-30% of total energy intake

- Q.15 One chlorine tablet is sufficient to chlorinate how many litres of water:
- 10 ltrs
  - 20 ltrs
  - 30 ltrs
  - 40 ltrs

- Q.16 Air velocity is measured by:
- Hygrometer