

**MBBS III (Third) Professional Part-1 Examination
2018-19**

Course Code:MBS301

Paper ID:03118301

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 the management of dog bite and post-exposure prophylaxis of human rabies. (15)
2. The following are a group of children who have come to a health centre in the rural area of a low income country:
(2x5=10)
 - i) A 4 year old child brought by his mother who has tuberculosis. The child has a cough and weight loss, a positive tuberculin skin test and has a shadow on the chest radiograph.
 - ii) A 2 year old child who has been ill for 5 months with failure to thrive and fever.
 - iii) A 6 month old child with fever and a positive tuberculin test.
 - iv) A 8 month old child who lives with his uncle who has tuberculosis.
 - v) A 3 year old child who has fever and weight loss for 6 weeks and has a shadow on the chest radiograph.
 - vi) A 2 year old child, on enrolling in a child care centre, has a shadow on the chest radiograph.
- a) Which of these children has tuberculosis?
- b) Do the others definitely not have tuberculosis? How do you know? What are the criteria you use to decide?
- c) Which criteria have the greatest weight in considering the diagnosis?

- d) Which have the least & why?
- e) Write a note on tuberculin test.

3. Short answer questions: (5+5)
 - a) Define screening. Types of screening with examples
 - b) Conventional Contraceptives
4. Write short notes on: (3x5=15)
 - a) Relative risk & Attributable risk
 - b) Ergonomics
 - c) Byssinosis
 - d) Secular trend
 - e) Sampling methods

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Roll No.

Student's Signature

Student's Name

Invigilator's Signature

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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.

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Practitioners' choice for medicine
- Q.2 Chemoprophylaxis is prevention type:
a) Primary
b) Secondary
c) Tertiary
d) Quaternary
- Q.3 Human Development Index (HDI) values range between:
a) -1 to +1
b) 0 to 1
c) 0 to 3
d) 1 to 3
- Q.4 In India death has to be registered with in:
a) 3 days
b) 7 days
c) 14 days
d) 21 days
- Q.5 Quarantine is isolation of healthy individual:
a) For longest incubation period of disease
b) For shortest incubation period of disease
c) For twice the incubation period of disease
d) For period of generation time
- Q.6 Under National programme for prevention of nutritional blindness, a child in the age group of 6-11 months is given a mega dose of vitamin A equal to:
a) 50,000 IU
b) 1 lakh IU
c) 1.5 lakh IU
d) 2 lakh IU
- Q.7 Insecticide treated Bed nets (ITBN) are treated with:
a) Deltamethrin and Cyfluthrin
b) Diethyltoluamide
c) Pyrethrum
d) Malathion
- Q.8 Sentinel surveillance for HIV under National AIDS Control program is used for all except:
- Q.9 XDR-TB definition include resistance to all except:
a) Isoniazid
b) Any one Fluoroquinolone
c) Kanamycin
d) Ethionamide
- Q.10 Movement in socio-economic level is:
a) Social equality
b) Social mobility
c) Socio-economic upliftment
d) Social mobilization
- Q.11 Under ICDS, caloric supplement for pregnant women:
a) 300 Kcal, 8-10 grams of proteins
b) 200 Kcal, 6-8 grams proteins
c) 600 Kcal, 18-20 grams proteins
d) 500 Kcal, 20-25 grams proteins
- Q.12 Post coital contraceptives are all except:
a) Norgestrel
b) OCPs
c) RU-486
d) Copper-T
- Q.13 If Birth rate is 42 and death rate is 31 then annual growth rate:
a) 11%
b) 1.1%
c) 0.25%
d) 2.5%
- Q.14 The best parameter for assessment of chronic malnutrition is:
a) Weight for age
b) Weight for height
c) Height for age
d) Any of the above
- Q.15 What is known as "poor man's meat":
a) Milk
b) Pulses
c) Fish
d) Soyabean
- Q.16 Calcium content is highest in:
a) Jowar
b) Bajra
c) Ragi
d) Cereals
- Q.17 The pattern of inter-relations between persons in a society is called:
a) Social stratification
b) Social structure
c) Caste system
d) Herd structure
- Q.18 Egg are "reference protein" because:
a) High caloric content
b) Increased protein/100 gms
c) Increased biological value and +NPU
d) Decreased digestibility coefficient
- Q.19 The following is true about the term 'New Families':
a) It is a variant of the 3-generation family
b) It is applied to all nuclear families of less than 10 years duration
c) It is a variant of the joint family
d) It is applied to all nuclear families of less than 2 years duration
- Q.20 Haemophilia is a genetic disorder of coagulation seen only in males. It is transmitted as:
a) X-linked dominant
b) Y-linked dominant
c) X-linked recessive
d) Autosomal recessive
- P.T.O.