

M.B.B.S. Final Prof. Part-I

(New Scheme w.e.f. 2019 admission onwards)

BF/2023/02

Community Medicine– A

M.M. : 100

Time : 3 Hours(First30 Min. for MCQs)

- Note: 1. **Use OMR Sheet to answer Multiple Choice Questions(MCQs).**
2. Attempt all questions. Illustrate your answers with suitable diagrams
3. **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED**
4. **The student must write Q.P. Code in the space provided on OMR Sheet and the Title *-page of the Answer Book.**

Q.1 MCQs (Attempt on OMR sheet)

[1x20]

- Commonest nutritional deficiency among pregnant women in India is:
 - Anaemia
 - Iodine Deficiency Disorder
 - Calcium deficiency
 - Vitamin A deficiency
- In a family comprising of Husband, wife and two children aged 5 and 6 years age respectively Which type of the family is this:
 - Joint family
 - Nuclear family
 - Three generation family
 - Broken family
- In India, information about population characteristics is obtained by various surveys. Which among following surveys includes whole of population:
 - NFHS
 - Census
 - SRS
 - Lay reporting
- What out of following determines the positive predictive value of a diagnostic test:
 - Prevalence of disease
 - Specificity
 - Incidence of disease
 - Sensitivity
- You are working in a primary health centre. There is a report by the panchayat member that there is an epidemic of Cholera in one of the remote villages. What will be the first step in investigation:
 - Confirmation of epidemic
 - Verification of diagnosis
 - Formulation of hypothesis
 - Procurement of IV fluids
- Freshly prepared bleaching powder used for purification of drinking water contains about
 - 33% of chlorine
 - 50% of chlorine
 - 40% of chlorine
 - 20% of chlorine
- A newly married nulliparous female needs a contraceptive for her use. Which is the ideal one:
 - Oral contraceptive pills
 - Copper T
 - vesectomy
 - Laproligation
- Which of following is true for weaning:
 - Gradually adding supplementary nutrition to breast feed
 - It is started on first birthday
 - Breast feeding should be stopped
 - Fast food should be given

9. In a disease screening campaign, the data is collected in terms of results of a diagnostic test. What is the numerator in calculating the sensitivity of the diagnostic test:
- True positive
 - True negative
 - False negative
 - False positive
10. A nominal roll of the cases of an outbreak already reported to various healthcare institutions forms:
- Line list
 - Epidemiological list
 - Secondary data
 - Case Summary
11. Exclusive breast feeding includes:
- Only Breast feeding
 - Breast feeding and Cow's milk
 - Breast milk and Honey
 - None of the above
12. Vector for Dengue fever is:
- Culex mosquito
 - Anopheline mosquito
 - Aedes mosquito
 - Sand fly
13. Name the reservoir of Enteric fever out of the options given below:
- Human being
 - Cat
 - Rats
 - Birds
14. Which statement about Lifestyle related diseases is false:
- Have long latent period
 - Mostly caused by infectious agents
 - Improper dietary habits are a cause
 - Sedentary jobs promote these diseases
15. In a PHC area the Malaria burden is to be assessed. Which out of all will not be an index for assessing it
- Annual Parasite Index
 - Slide Positivity Rata
 - Child Parasite Rate
 - Annual Blood Examination Rate
16. Risk of lung cancer is high among tobacco smokers. This risk is increased if one of the following conditions also exists in a smoker:
- Asbestosis
 - HIV infection
 - Obesity
 - Diabetes Mellitus
17. Large majority of causes of blindness in India are amenable to :
- Primary prevention
 - Secondary prevention
 - Tertiary prevention
 - None of the above
18. For proper ventilation, the windows should not be placed at a height more than
- 2 feet above ground
 - 3 feet above ground
 - 4 feet above ground
 - 5 feet above ground
19. Which of these denotes the classification of foods by nutritive value
- Food of animal and vegetable origin
 - Caloric values of Protein, fats, carbohydrate
 - Cereals, pulses, vegetables, fruits etc
 - Protective, energy providing, body building foods etc
20. Which is the following is true regarding ICD-11?
- There is no chapter on traditonal medicine
 - No separate chapter on sexual health
 - Gaming disorders have been added to sector of addictive disorders
 - All of the above

Q2. Enumerate and explain the steps in conducting a randomized controlled trial. With the help of an example. What are the advantages and disadvantages of a randomized control trail? [1+5+6]

Q.3. **Write short notes on:-** [5x4]

- a. Sharp injuries in health workers
- b. Health problems of a community not using iodized salt regularly
- c. The correct approach of disclosure of medical error
- d. Bio medical waste management of plastic and sharps

Q.4. **Explain why:-** [3x5]

- a. Occupational health services are essential for economic growth
- b. Micronutrients deficiency is common in India
- c. Air pollution is increasing every year
- d. We should follow the trends of diseases
- e. Descriptive epidemiology provides the hypothesis

Q.5. **Discuss briefly:** [6x3]

- a. Health problems due to life style changes
- b. Health problems due to climate changes
- c. Standard Normal Distribution

Q.6. **Short notes:-** [5x3]

- a. Differentiate between disability and handicap
- b. Differentiate correlation and regression using one example.
- c. Role of John Snow in public health.