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Total No. = 03 pages

Q.P. Code: MBN303

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

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

BF/2023/06

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]

1. Neonatal mortality is a major public health problem in India. The common causes of neonatal mortality are all except:
   a. Congenital anomalies b. Diarrheal diseases
   c. Prematurity d. Birth trauma

2. As a student of Community Medicine you are required to know about the social behavior of people you are serving. Which discipline provides you the knowledge about it.
   a. Community Medicine b. Psychology
   c. Sociology d. Social medicine

3. An individual behaves and responds in a specific manner to specific situations in life based on certain mental habits acquired from social experiences known as
   a. Attitudes b. Beliefs
   c. Knowledge d. Culture

4. The statement "higher the relative risk, higher the causal association", is implied in which of the following criteria of causal association:
   a. Strength of association b. Risk ration
   c. Temporality d. Biological plausibility

5. Removal of drug thalidomide from use was an example of which phase of clinical trials:
   a. Phase I b. Phase II
   c. Phase III d. Phase IV

6. Which one of the following is not a criteria for screening for a particular disease:
   a. Disease must be a public health problem b. Disease must be vaccine preventable
   c. There must be available an effective treatment
   d. Facilities for confirming the diagnosis must be available

7. Which of the following is used to represent qualitative data:
   a. Histogram b. Pie chart
   c. Polygon d. Line diagram

8. The laboratory test employed to assess the chlorine demand of a sample of drinking water is:
   a. Horrok's test
   b. OT test
   c. OTA test
   d. Neutral red test

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9. Maximum time limit for dependable use of emergency contraceptive pills is:
   a. 24 hours b. 48 hours
   c. 72 hours d. 96 hours

10. Under stable conditions, the relationship between incidence (I), Prevalence (P) and duration (D) is given as:
   a. P=IxD b. I=PxD
   c. D=IxP d. P=I+D

11. We need to know the dependability of a diagnostic test. For that purpose the positive predictive value is to be calculated. What out of the following will determine it:
   a. Prevalence b. Incidence
   c. Sensitivity of the test d. None of the above

12. As per housing standards the minimum space in cubic test per person in a house should not be less than:
   a. 1000 Cubic feet b. 500 Cubic feet
   c. 200 Cubic feet d. 100 Cubic feet

13. Proteins, fats and carbohydrates together form:
   a. Proximate principles b. Vital elements of nutrition
   c. Dietary goals d. Vital nutrients

14. The level of immunity present in a population against a particular infectious disease is:
   a. Herd immunity b. Innate immunity
   c. Selective immunity d. Acquired immunity

15. First line drugs for treatment of Pulmonary Tuberculosis include all except:
   a. Rifampicin b. INH
   c. Ethambutol d. Kanamycin

16. All except one among the following are the non modifiable risk factors for coronary artery disease:
   a. Age b. Sex
   c. Genetic back ground d. Raised blood pressure

17. In a city the burden of injectable drug abuse is found to be high among the young adults. Risk of transmission of parentrally transmitted infections seems high in such population. All except one among the following are likely to be seen in such cases:
   a. HIV b. Hepatitis B
   c. Hepatitis C d. Hepatitis E

18. In a health facility, many cases of an eruptive fever among the students of a school are brought by teachers. Doctor diagnosed them as Chickenpox. Chickenpox rash is characterized by all except:
   a. Centripetal distribution of rash b. Centrifugal distribution of rash
   c. Pleomorphic rash d. Delicate rash

19. Responsibilities of Male Multipurpose Worker in a subcentre are include the following except:
   a. Fever survey b. Ensuring sanitation
   c. Ensuring safe drinking water d. Antenatal care for women

20. Health planning in India used to be under the planning commission. It has been replaced by:
   a. NITI Ayoug b. Sustainable Development Goals
   c. Twelfth Five year plan d. Central council of health

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Q.2. Six month old Khushi is brought to the immunization clinic by her grandmother. She gave the history that the girl was staying in UP with her mother and had never been vaccinated. Her weight is 3.1 kg.

a. What all vaccines will you give to the girl? Mention the vaccines, their dose and route of administration.
b. When would you call her for the next visit and why?
c. What nutritional management you will do? [4+2+6]

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

a. Food habits and obesity
b. Epidemiology of MDR tuberculosis
c. Benefits under ESIC Act
d. Occupational health issues among stone workers

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

a. Budget spent on safe water supply is a sound investment
b. Biomedical waste management improves patient care
c. Fluorine is a double-edged sword
d. Health care of the elderly is a human right issue
e. Communication skills training decreases violence against doctors

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

a. Vital statics
b. Quality of health care indicators
c. Mid-day meal program

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

a. Differentiate surveillance and evaluation with one example.
b. Can leprosy be eradicated from India? Give reasons for the same.
c. Health effects of noise pollution and its prevention.

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