[MBBS 0224]   **FEBRUARY 2024**   **Sub. Code :6073**

M.B.B.S. DEGREE EXAMINATION
(For the candidates admitted from the Academic Year 2019-2020)

THIRD PROFESSIONAL PART – I (CBME)
PAPER I – COMMUNITY MEDICINE
Q.P. Code: 526073

Time: 30 Minutes   **Maximum : 20 Marks**

Answer All Questions
Choose one correct answer in the box provided in the Answer Script. No overwriting should be done. <u>Choice should be given in Capital Letters.</u>

III. Multiple Choice Questions: (20 x 1 = 20)

1. Which military surgeon successfully evolved the principle of preventing non- communicable disease with specific diet therapy?
   A) Major Walter Reed   B) James Lind   C) Major Ronald Ross   D) Bruce

2. Which one of the following is not true regarding Pneumoconiosis?
   A) Byssinosis is due to inhalation of cotton dust
   B) Anthracosis is due to inhalation of anthrax spores
   C) Baggassosis is an occupational hazard of workers in paper mills
   D) Asbestosis predisposes to pleural mesothelioma.

3. Which of the following is not primary prevention?
   A) Pulse polio immunization
   B) Vitamin A supplementation
   C) Breast self-examination for tumor
   D) Isoniazid (INH) to a baby breastfed by a sputum positive tubercular mother

4. Choose the correct sequence In order of occurrence
   A) Disease - Disability -impairment-Handicap
   B) Disease - impairment-Handicap-Disability
   C) Handicap -Disease-Impairment-Disability
   D) Disease-Impairment-Disability-Handicap

5. Decrease in the incidence of a disease to a level where it ceases to be a public health problem is:
   A) Control   B) Elimination   C) Eradication   D) Surveillance

6. Which of the following is an example of Disability limitation in poliomyelitis?
   A) Reducing occurrence of polio by immunization
   B) Arranging for schooling of child suffering from PRPP
   C) Resting affected limbs in neutral position
   D) Providing calipers for walking

7. True about point source epidemic is
   A) Occurs in more than 1 incubation period   B) Occurs in one incubation period
   C) The exposure is continuous   D) Epidemic curve falls very slowly

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8. There are ten incident cases of disease 'X' per 1000 population / year and the mean duration of that disease is five years. Calculate prevalence of disease 'X"
   A) 500 / 1000 population   B) 50 / 1000 population
   C) 10 / 1000 population   D) 50 / 100 population

9. Which is a better index for assessing the etiological role of a factor in disease
   A) Relative risk   B) Attributable risk   C) Population attributable risk   D) Odds ratio

10. The first person becoming sick in an epidemic is called:
    A) Index case   B) Primary case   C) Secondary case   D) None of the above

11. Zika virus is transmitted by:
    A) Aedes aegypti   B) Female anopheles   C) Culex vishnui   D) Mansonia Indiana

12. The most sensitive index of recent transmission of malaria in a community is
    A) Spleen rate   B) Infant parasite rate
    C) Annual parasite incidence   D) Slide positivity rate

13. Adopting DASH -diet is suggested for which of the following disease
    A) Protein energy Malnutrition   B) Vitamin A deficiency
    C) Hypertension   D) Anaemia

14. Factories act recommend provision of crèche if the number of women workers exceeds-------
    A) 30   B) 35   C) 40   D) 45

15. All of the following are true for a screening test EXCEPT
    A) Less accurate   B) Forms the basis for treatment
    C) Test results are arbitrary   D) Less expensive

16. Auditory fatigue appears at ------------------
    A) 90dB   B) 80 dB   C) 100dB   D) 160 dB

17. Both active and specific passive types of immunization are available for which one of the following?
    A) Tetanus   B) Meningitis   C) Measles   D) Mumps

18. Which one of the following is not a measure of central tendency?
    A) Mean   B) Median   C) Mean deviation   D) Mode

19. The floor space needed per person is ------------Sq.ft
    A) 50 -70   B) 70-90   C) 90 -100   D) >100

20. The incidence rate of lung cancer is 120/100,000 person-years for smokers and 10/100,000 person years for non-smokers. The prevalence of smoking is 20% in the community. What is the relative risk of developing lung cancer for smokers compared with non-smokers?
    A) 12   B) 5   C) 50   D) 100

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