

[MBBS 0524]

MAY 2024

Sub. Code :6073

**M.B.B.S. DEGREE EXAMINATION**

(For the candidates admitted from the Academic Year 2019-2020 Batch onwards)

**THIRD PROFESSIONAL PART – I - SUPPLEMENTARY (CBME)****PAPER I – COMMUNITY MEDICINE*****Q.P. Code: 526073*****Time: 20 Minutes****Maximum : 20 Marks****Answer All Questions****Choose one correct answer in the box provided in the Answer Script.  
No overwriting should be done. Choice should be given in Capital Letters.****III. Multiple Choice Questions:****(20 x 1 = 20)**

1. The efficacy of a hospital disinfectant is demonstrated against
  - A) Streptococcus thermophilus
  - B) Staphylococcus aureus
  - C) Salmonella typhi
  - D) Escherichia coli
2. Physical quality of life index (PQLI) includes the following parameters:
  - A) IMR (infant mortality rate), per capita calorie intake and life expectancy
  - B) IMR, life expectancy at 1 year and literacy
  - C) IMR, MMR (maternal mortality rate) and life expectancy
  - D) IMR, life expectancy at birth and literacy
3. All are true about wealth Index EXCEPT
  - A) Used in NFHS-III survey
  - B) Is an index of economic status of a country
  - C) Is constructed using household asset data
  - D) Is constructed using housing characteristics
4. Disability Adjusted life year (DALY) Expresses the:
  - A) Extent of disability in the population
  - B) Expectation of life free of disability
  - C) Years of life lost to premature death
  - D) Lost year of life due to premature death and disability
5. Missing cases are detected by
  - A) Active surveillance
  - B) Passive surveillance
  - C) Sentinel surveillance
  - D) Monitoring
6. Which of the following statements is true
  - A) Lung cancer is the commonest occupational cancer
  - B) The film badge or pocket electrometer should be monitored at an interval of one year to assess radiation exposure
  - C) Lead poisoning is a notifiable and compensable disease
  - D) Inhalation of Micropolyspora faeni causes Bagassosis
7. Convalescent Carriers are not found in:
  - A) Typhoid
  - B) Diphtheria
  - C) Whooping cough
  - D) Hepatitis B
8. If a drug prevents mortality but does not affect cure, then which of the following will be true:
  - A) Incidence will decrease
  - B) Incidence will increase
  - C) Prevalence will decrease
  - D) Prevalence will increase

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9. At the end of year 2000, the population of a tribal district was 2,00,000 and number of cases of tuberculosis were 800. At the end of the year 2001, the population was 2,10,000 and 200 new cases were detected and 12 cases had died. Based on this data, all of the following rates can be calculated except
  - A) Prevalence of TB
  - B) Incidence of TB
  - C) Proportional mortality of TB
  - D) Case fatality rate of TB
10. Which of the following is a good measure of the severity of an acute disease?
  - A) Standardized mortality ratio
  - B) Cause-specific death rate
  - C) Case fatality rate
  - D) Age-specific death rate
11. Which of the following describes the middle part of a group of numbers
  - A) Measures of central tendency
  - B) Measures of association
  - C) Measures of Dispersion
  - D) Measures of variability
12. All of the following are modes of direct transmission of communicable disease except
  - A) Droplet infection
  - B) Contact with soil
  - C) Transplacental
  - D) Droplet nuclei
13. Cyclo developmental mode of transmission is seen in:
  - A) Malaria
  - B) Filariasis
  - C) Cholera
  - D) Plague
14. Chi-square test is a methods of testing
  - A) Standard error of mean
  - B) Standard error of proportion
  - C) Significance of difference between two means
  - D) Significance of difference between two proportions
15. Kyasanur forest disease is transmitted by
  - A) Hard tick
  - B) Soft tick
  - C) Trombiculid mite
  - D) Itch mite
16. Shape of normal distribution curve is based mainly on:
  - A) Mean and sample size
  - B) Mean and standard deviation
  - C) Range and sample size
  - D) Range and standard deviation
17. Epidemic typhus is transmitted by
  - A) Tick
  - B) Lice
  - C) Flea
  - D) Mites
18. Which one of the following insecticides is the least toxic organo-chlorine compound for human beings?
  - A) DDT
  - B) HCH
  - C) Dieldrin
  - D) Malathion
19. All of the following about Vitamin D are true EXCEPT
  - A) It is called as Kidney hormone
  - B) Can be synthesised in the body by exposure to sunlight
  - C) There are no dietary sources of vitamin D
  - D) Osteomalacia occurs mostly in women during pregnancy and lactation
20. There is a high prevalence of the following conditions among tribal population EXCEPT
  - A) Sick cell disease
  - B) Hereditary spherocytosis
  - C) Thalassemia
  - D) G6PD Deficiency

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