

# EPIDEMIOLOGY

**MIDTERM EXAM**

**NABED BATCH**

إعداد :



**1.What is the real substance of epidemiology ?**

Analytical epidemiology

**2.What is wrong regarding epidemiology ?**

Investigator is passive ,person comes to the investigator.

**3.Father of epidemiology ?**

John Snow

**4.Birth certificates we can use it for ..... Birth rate**

**5.Reliability..... reflect stable and consistent data**

**6.Antigenic power of microorganisms can be measured by .....second attack rate**

**7.If covid 19 has highly secondary attack rate than HIV this means ..... covid is more infectious than HIV**

**8.Number of women died in heart diseases to number of women died will get ?**

**9.Period of communicability is measured by .....secondary attack rate**

**10.Tropism means ....tissue selectivity**



11. One of these characteristics is not important in pathogenicity of microorganisms ... toxin formation

12. One of the following is not reservoir ..... Milk

13. True regarding carriers ..... more dangerous than cases

14. One of the following is false regarding carrier

1. Incubatory carriers
2. Convalescent carrier
3. Healthy carrier
4. Contact carrier
5. Permanent carrier\*\*\*

15. The carrier which sheds infectious agent less than 3 months ..... Temporary carriers

16. Sexual transmitted infection can be transmitted by ..... Direct Contact

17. Transmission by Vector may be except

1. Mechanical
2. Propagative
3. Cyclo propagative
4. Cyclo development
5. Direct transmission



**17. Communicable period measured by ..... secondary attack rate**

**18. Extrinsic incubation period is the?**

Select one:

- a. Time between exposure to infection and appearance of symptoms or signs of disease
- b. Time required for 50% of the cases to occur following exposure.
- c. Period between the time when the vector gets infective and time vector becomes infected
- d. Period between the time when the vector gets infected and time vector becomes infective\*\*\*
- e. time between the onset of the primary case and the secondary case.

**19. Antibody formation by contracting infection ..... Natural active immunity**

**20. All the following is true regarding best characters of vaccine except ..... Expensive**

**21. Reducing the transmission of disease agent to the level that is not considered to be public health problem .... Control**

**22. Interruption of transmission of the disease but the causative agent still persist.... elimination**

**23. Which of the following is true about prepathogenesis phase ..... Man in the midst of disease**

**24. Primordial phase ..... Deal with risk factor**



25. Giving Folic acid to pregnant woman is considered ..... specific protection
26. One of the mode of interventions is “screening” which occur in ..... secondary prevention
27. Disability limitation .... tertiary prevention
28. Isolation occurs during ... period of communicability
29. Quarantine during ..... Maximum incubation period
30. Definition of public health surveillance
31. Definition of Endemic / Epidemic
32. Malaria occurring persistently in country is considered as ..... Endemic
33. The difference between outbreaks and epidemics ..... Outbreak cannot make anxiety between communities
34. All the following is true about subclinical cases except ..... they have severe signs and symptoms

**35. An outbreak of H1N1 influenza in 150 patients, what is the first step of investigating this outbreak.....Verify the diagnosis**

**36. Arrange steps of investigating outbreaks and epidemics**

**561324**

Diagnose.....Confirm that it is higher than expected.....Analyse time, place and person.....Generate hypothesis.....Case-control study.....Surveillance for secondary cases

**37. episodic cases of legionnaires disease in hospital patients from showers and water supply**

Point spread

Propagation

Intermittent

Mixed

None

**38. an outbreak of food poisoning occurred and investigators analysed the time, place and persons but don't have a hypothesis yet, what should they do next?**

Interview and test handlers for the suspected pathogens.

**39. cases of food poisoning following a meal of turkey served cold, mode of transmission?**

Point source

**40. An outbreak of influenza in a geriatric group with cases occurring for 3 weeks, while the incubation period is less than 5 days, pattern is?**

Propagated



**41. Time course of outbreak is displayed as..... Epidemic curve.**

**42. An epidemic is defined as .... An increase in secondary cases more than the average in the same time .**

**43. A well conducted investigation of an outbreak should include .... All cases are confirmed by laboratory results .**

**44. Case definition includes all of the following except :**

1. Time
2. Place
3. Person
4. Hypothesised agent \*\*\*

**45. Concurrent disinfection .... During period of communicability.**

إنتهى، بالتوفيق للجميع

