



بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Microbiology - Final Exam 2013-2014

مع أمنياتنا لكم بالنجاح و التوفيق
فريق نبض - لجنة الطب البشري
رؤية تنير دروبكم



1. if someone has a disease in J chain,, that means that he has a problem in :
 A)IgG
 b)IgE
 C) igM
 D) igM+igG
 Answer =>c
2. Which one of the following drugs inhibit nucleic acid synthesis?
 A- Metronidazole
 B- Penicillin
 C- Vancomycin
 D- Tetracycline
 Answer =>A
3. Which is the main cause of elephantiasis??
 answer : wucheria bancrofti
4. Absence of all life forms is:
 A- Clean
 B- Disinfectant
 C- Sterile

 Answer => C
5. a question was about T helper cells ?
 answer : i think eno bt7fz 5laya B 3l in8sam 3n 6ree8 efraz cytokines
6. Alcohols are more effective combined with water, the concentration of alcohol is
 A- 30%
 B- 90%
 C- 70%

 Answer =>C
7. a question about lytic infection ?
 answer : kill the infected cells (host cell)
8. What does pandemic means?
 answer : spread world wide
9. Which of the following is correct about vibrio cholera?
 A- Oxidase negative
 B- Facultative anerobes
 C- Sugar non fermenting
 Answer =>B
10. Which of the following is considered as an adhesion factor for bordetella?
 A- Pertussis
 B- Adenylate cyclase
 C- Filamentous hemmagglutinin
 D- Tracheal cytotoxin
 E- All of the above

 Answer =>C

11. The worm that cause itching in night for children is ?
answer : enterbius vermicuaris
12. Which of the following sentences best describe the growth of bacteria?
A- M.lepra does not culture
B- Atypical bacteria can't be cultured
C- Treponema is easily cultured

Answer=> A

13. the ability of RBCs to stick with cells ?
answer : haemadsorption
14. there was a Q about the mutation in which we have a new a.a ?
answer : missense mutation
15. Which of the following is not an antigenic part?
A- Capsule
B- Pili
C- Ribosome

Answer => C

16. Which of the following is not a specie of candida?
A- C.Albicans
B- C.glabraa
C- C.tropicalis
D- C.krusei
E- 5ayar 3'er hadol

Answer => E

17. What does interferon cause?
answer : inhibition of mRNA translation
18. A chain of elongated yeast that fail to detach when budding is called?
A- Pseudohyphae (Answer)
19. Which of the following is a dermatophyte?
The answer was Epidermophyton
20. Which of the following is ture about dermatophytes?
A- Gram negative cocci
B- Opportunistic fungi

Answer=> B

21. there was a q about which one of the following is the hardest to translate (aw s.th like that i can't remember well)
answer : non-segmented negative RNA strand (not sure)
22. which one of the following is true about ECLPSE phase ?
answer : between adsorption and uncoating

23. Which of the following is not transmitted by contaminated food or water?
 A- *E. histolytica*
 B- *Giardia lamblia*
 C- *Trichomonas*
 D- *P. malariae*
24. Which of the following cause acute diarrhea in immunocompromised patients?
 The answer was => *Cryptosporidium*
25. Which one of the following is wrong about prions?
 answer : it's an abnormal exogenous and endogenous proteins
26. The building unit of the core of helical viruses ?
 answer : capsomers
27. Which of the following cause an autoinfection
 A- *Ascaris lumbricoides*
 B- *Enterobius vermicularis*
 C- *Ancylostoma duodenale*
 D- *Strongyloides stercoralis*
 E- *Trichinella spiralis*
28. Plasmid is?
 answer : a piece of circular DNA located out of chromosome
29. *Cysticercus cellulosae* is:
 Answer=> *Tinea solium*
30. An Hydatid worm:
Echinococcus granulosus
31. Which of the following is not a nematode
Hymenolepis diminuta
32. The break out of trophozoites causes ?
 a. classical malaria
 b. clinical malaria
 c. none of the above
 answer : c
33. Which one of the following has a lateral spine
 A- *S. haematobium*
 B- *S. mansoni*
 C- *S. japonicum*
 D- A & B
 E- B & C
 Answer => E
34. The bite of male anophelis causes?
 a. malaria
 b. 5 year msh mthkrha
 c. none of the above
 answer : c

35. Which of the following is transmitted by a male anopheles mosquito?

- A- P.vivax
- B- P.ovale
- C-P.malariae
- D-p.falciparum
- E-None of the above

Answer=> E

36. which one of the following is not true about bacterial cell ?

answer : the pili cause adhesion to epithelium

37. Which of the following is not true about icosahedral capsids?

Answer => orthomyxo virus is an example

38. Which of the following is not true about reassortment:

I think the answer was something at a protein level (not sure)

39. PCR test is not used to detect

- A- DNA template
- B- DNA polymerase
- C- Amino acids

Answer=> C

40. Which of the following viruses does not cause intranuclear inclusions?

- A- Pox virus
- B- Polio virus

41. An example on a latent infection is:

Answer=> herpes varicella zoster

42. What causes chicken pox?

herpes varicella zoster

43. Which of the following is incorrect?

Kuru is caused by spontaneous mutations

44. Which of the following diseases caused by prions doesn't affect humans?

- A- Kuru
- B-BSE
- C-FFI

Answer=>B

45. Which of the following is incorrect?

Cytotoxic effects cause cellular transformation

46. which statement is incorrect about DIP :

Answer=> at low MOI the defective virus increase in number

47. lytic reaction or lytic phase ?

Answer=> kill the cell

48. Zoonosis:

Answer=> diseases that are transmitted from animals to humans.

49. what is the enzyme that adds the viral DNA to the cellular DNA in HIV:

Answer=> Integrase enzyme