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8. Salmonella which causes food poisoning
A) Salmonella gallinarum B) Salmonella typhi
C) Salmonella typhimurium D) Salmonella paratyphi A
9. Which of the following is the drug of choice for chemo-prophylaxis of cholera?
A) Tetracycline B) Doxycycline C) Furazolidone D) Cotrimoxazole
10. A diabetic person presents with multiple abscess in leg. Microscopic examination of pus shows gram (-)ve bacilli. On staining with methylene blue bacteria shows bipolar staining. The most likely causative agent is
A) B. pseudomallei B) Y. pestis
C) Pseudomonas mallei D) Botryomycosis
11. A farmer presenting with fever on and off for the past 4 years was diagnosed to be suffering from chronic brucellosis. All of the following serological tests would be helpful in the diagnosis at this state except
A) Standard Agglutination test B) 2-mercapto-ethanol test
C) Complement fixation test D) Coomb's test
12. Disease caused by both Rickettsia and Orientia is transmitted by
A) Rat flea B) Tick C) Louse D) Trombiculid mite
13. The most sensitive method for detecting cervical Chlamydia trachomatis infection is
A) Direct fluorescent antibody test B) Enzyme immunoassay
C) Polymerase chain reaction D) Culture on irradiated McConkey cells
14. Which Rickettsiae are able to grow in cell free media
A) R. Quintana B) R. rickettsii C) R. typhi D) R. tsutsugamushi
15. A 25-year-old farmer presented with history of high grade fever for 7 days and altered sensorium for 2 days. On examination, he was comatose and had conjunctival haemorrhage. Urgent investigations showed a haemoglobin of 11 gm/dl. Peripheral blood smear was negative for malarial parasitic. What is the most likely diagnosis?
A) Brucellosis B) Weil's disease C) Acute viral hepatitis D) Q fever
16. Consider the following statements:
1. In Leptospirosis, the incubation period ranges from 2 to 20 days
2. In Leptospirosis, urine may show microscopic haematuria
Which of the following statement are correct?
A) 1 only B) 2 only C) Both 1 and 2 D) Neither 1 nor 2
17. Mycoplasma pneumonia is characterized by all except
A) Diagnosed by serum cold antibody B) Treatment is erythromycin
C) Cannot be cultured from sputum D) Raised ESR
18. Vaccine preparation requires which virus as vector
A) Rhinovirus B) Vaccinia C) Adenovirus D) Ebola
19. Hantan virus
A) Is a DNA virus B) Causes hemorrhagic fever with renal involvement
C) Belong to Retroviridae family D) Person to person transmission
20. Hepatitis C virus resembles which of the following virus groups
A) Picarno viruses B) Herpes viruses C) Hepadna viruses D) Flavi viruses
