



قائمة الاسئلة

امتحان نهاية الفصل الدراسي الثاني - للعام الجامعي 1446 هـ - الموافق 2025/2024 - مكلية الطب البيطري :: بكتيريا وفطريات بيطرية - د.حميد الرفاعي

- 1) Streptococcus agalactiae belongs to family
 - 1) - Staphylococcaceae
 - 2) + streptococcaceae
 - 3) - micrococcaceae
 - 4) - Enterococcaceae
- 2) the different test between streptococcus and staphylococcus is
 - 1) - coagulase test
 - 2) - hemolysis test
 - 3) + catalase test
 - 4) - microscopic examination
- 3) the staphylococcus coagulase positive are
 - 1) + S. aureus and S. hyicus
 - 2) - S. aureus and S. saprophyticus
 - 3) - S. intermedius and S. epidermidis
 - 4) - S. saprophyticus and S. hyicus
- 4) Lancefield Classification of Streptococcus β hemolytic, Group D such as;
 - 1) - S. pyogenes
 - 2) - S. equisimilis
 - 3) - S. agalactiae
 - 4) + Enterococcus
- 5) Gram-Positive Bacilli Endospore-formers such as:
 - 1) - Clostridium and Listeria
 - 2) - Bacillus and Corynebacterium
 - 3) - Mycobacterium and Actinomyces
 - 4) + Bacillus and Clostridium
- 6) McFadyean reaction can be demonstrated capsular material in Blood films, is characteristics of:
 - 1) - B. Cereus
 - 2) + B. Anthracis
 - 3) - S. aureus
 - 4) - S. pyogenes
- 7) Clostridium perfringens has;
 - 1) + Five types
 - 2) - four types
 - 3) - three types
 - 4) - two types
- 8) Clostridium tetani is
 - 1) - Motile and ovoid, subterminal spores
 - 2) - Non Motile and RT spores
 - 3) + Motile and Round terminal spores
 - 4) - non Motile and OST spores
- 9) which the bacteria that make Double zone of hemolysis on blood agar
 - 1) - Clostridium tetani
 - 2) + Clostridium perfringens
 - 3) - streptococcus pyogenes
 - 4) - S. aureus
- 10) Enterotoxaemia; Hemorrhagic enteritis in goats and Lamb dysentery in sheep, is caused by;



- 1) - Clostridium perfringens type A
 - 2) - Clostridium perfringens type C
 - 3) + Clostridium perfringens type B
 - 4) - Clostridium perfringens type D
- 11) Bacillus anthracis; Capsule could be demonstrated during growth
- 1) + in infected animals
 - 2) - in culture media
 - 3) - in culture media and in infected animals
 - 4) - all are right
- 12) streptococcus; Group A- Further subdivided based on M, T, R protein (Griffith typing) in to
- 1) - 60 serotypes
 - 2) - 40 serotypes
 - 3) - 20 serotypes
 - 4) + 80 serotypes
- 13) Streptococcus pyogenes has
- 1) - flagella
 - 2) + Capsule
 - 3) - Catalase
 - 4) - NONE of the above
- 14) the limber neck disease in poultry is caused by
- 1) + Clostridium botulinum
 - 2) - Clostridium tetani
 - 3) - Clostridium perfringens
 - 4) - actiomyces bovis
- 15) which the species of streptococcus causes caseous lymphadenitis in camels
- 1) - S.pyogenes
 - 2) + S. agalactica
 - 3) - S.disagalactiae
 - 4) - S. pneumoniae
- 16) Paratyphoid salmonella infections in poultry are caused by
- 1) - S. paratyphi
 - 2) - S.pullorum
 - 3) - S.Gallinarum
 - 4) + S. Typhimurium
- 17) which the bacteria have Edema factor and Lethal factor
- 1) - B .cereus
 - 2) + B.anthraxes
 - 3) - Clostridium perfringens
 - 4) - S. aureus
- 18) the locked jaw disease in animals is caused by
- 1) + Clostridium tetani
 - 2) - actiomyces bovis
 - 3) - Clostridium perfringens
 - 4) - C.botulinum
- 19) Caseous lymphadenitis in sheep and goat is caused by
- 1) - Corynebacterium renale
 - 2) + Corynebacterium pseudotuberculosis
 - 3) - C- auriscanis
 - 4) - C. ulcerans.



- 20) which the bacteria have CAMP test is positive and it used for identify of them
- 1) - *Corynebacterium ovis* and *streptococcus agalactiae*
 - 2) - *Listeria monocytogenes* and *staphylococcus aureus* and *S. agalactiae*
 - 3) + *Corynebacterium ovis* and *S. agalactiae* and *Listeria monocytogenes*
 - 4) - all are true
- 21) which the bacteria are acid fast
- 1) - *mycobacterium* spp
 - 2) - *Brucella* spp
 - 3) - *Nocardia* spp
 - 4) + all above
- 22) Pathogenic species of *mycobacteria* grow on
- 1) - blood agar media
 - 2) + egg-based media
 - 3) - normal media
 - 4) - all are true
- 23) Based on growth rate, *mycobacteria* can be classified in fast (colonies develop in agar plates in 7 days or less such as
- 1) + *Mycobacterium smegmatis* and *M. fortuitum*
 - 2) - *M. fortuitum* and *M. tuberculosis*
 - 3) - *Myco smegmatis* *M. tuberculosis*
 - 4) - all are true
- 24) Guinea-pigs are highly susceptible to infection with
- 1) - *M. tuberculosis* and *M. Avium*
 - 2) - *M.bovis* and *M. Avium*
 - 3) + *M. tuberculosis* and *M.bovis*
 - 4) - all are true
- 25) the only pathogenic Gram-positive bacteria can live in refrigerators and Motility by peritrichous is
- 1) - *Proteus* species
 - 2) - *ESHreshia. coli*
 - 3) - *Citrobacter*
 - 4) + *Listeria monocytogenes*
- 26) The following species of *enterobacteriaceae* are capsulated.....except
- 1) + *Salmonella* species
 - 2) - *Enterobacter aerogenes*
 - 3) - *Klebsiella pneumonia*
 - 4) - *Yersinia enterocolitica*
- 27) The following species of *enterobacteriaceae* ferment lactose (pink colonies) On MacConkey bile salt lactose agar, areexcept
- 1) - *E. coli*
 - 2) - *Citrobacter*
 - 3) + *Proteus*
 - 4) - *Klebsiella*
- 28) Using slide agglutination tests, with antisera are used to detect O (somatic) and H (flagellar) antigens, Serotyping of
- 1) - *Salmonella* and *E. coli* species
 - 2) - *E. coli* and *Yersinia* species
 - 3) - *Salmonella* and *Yersinia* species
 - 4) + all are true
- 29) the *E. coli* bacterium Has the following Virulence factors



- 1) - Capsule and Endotoxins
 - 2) - Endotoxins and Exotoxins
 - 3) - Capsule and Exotoxins
 - 4) + all are true
- 30) which Pathotypes of pathogenic E. coli that causes damage to enterocytes and blood vessels. It produces haemorrhagic colitis in cattle
- 1) + Necrotoxigenic (Cytotoxigenic) E. coli
 - 2) - Enterotoxigenic E. Coli
 - 3) - Verotoxigenic E. coli
 - 4) - Enteropathogenic E. coli
- 31) the following serovars of salmonella are Strong host preferences except
- 1) - serovar Pullorum
 - 2) - serovar Typhi
 - 3) - serovar Dublin
 - 4) + serovar Typhimurium
- 32) For isolation of salmonella , use Pre-enrichment selective media such as
- 1) - pepton broth
 - 2) - nutrient broth
 - 3) + selenite F broth
 - 4) - all are true
- 33) which salmonella causes food poisoning (gastroenteritis)
- 1) - S. Typhimurium
 - 2) - S. enteritidis
 - 3) - S. Newport
 - 4) + all are true
- 34) All the following members of Enterobacteriaceae are motile.....except
- 1) - Yersinia species
 - 2) + Shigella
 - 3) - Proteus species
 - 4) - E. coli
- 35) which the bacteria have Colonies present in 3 forms in solid media
- 1) - Brucella spp
 - 2) + Pasteurella spp
 - 3) - Salmonella spp
 - 4) - actinomyces spp
- 36) Milk ring test used for detection of infection with
- 1) - streptococcus agalactiae
 - 2) + Brucella abortus
 - 3) - streptococcus disagalactiae
 - 4) - all are true
- 37) which the bacteria deeply grow in agar
- 1) - mycobacterium
 - 2) - Corynebacterium
 - 3) - Brucella spp
 - 4) + mycoplasma
- 38) the following bacteria are H2S positive (production) except
- 1) - Brucella abortus
 - 2) - Salmonella abortus ovis
 - 3) + Shigella spp



- 4) - Proteus
- 39) the mycoplasma have following General characters.... except
- 1) + have flagella
 - 2) - some species are motile
 - 3) - lack of cell wall
 - 4) - Gram -ve , non non-capsulating
- 40) which the bacteria are oxidase and catalase test positive
- 1) - Brucella Ovis
 - 2) - E.Coli
 - 3) - Brucella Ovis and Pasteurella species
 - 4) + Pasteurella species
- 41) which the bacteria obligate intracellular
- 1) - mycoplasma and rickettsia
 - 2) - chlamydia and mycoplasma
 - 3) + Rickettsia and chlamydia
 - 4) - all are true
- 42) which the microorganisms their colonies on blood agar are white to creamy, shiny convex and have a pleasant "beery" smell with a diameter of 4-5 mm.
- 1) + candida albicans
 - 2) - Staphylococcus aureus
 - 3) - Corynebacterium ovis
 - 4) - Aspergillus Flavus
- 43) Life cycle of Chlamydia includes
- 1) - infectious forms
 - 2) + infectious and reproductive forms
 - 3) - reproductive forms
 - 4) - none of the above
- 44) Rickettsiaceae ; All are transmitted by arthropod vectors except
- 1) + Coxiella
 - 2) - Rochlimaea
 - 3) - Rickettsia
 - 4) - Ehrlichia
- 45) Rickettsiaceae ; Stain readily with
- 1) - gram stain
 - 2) - Zehl-Nielsen stain
 - 3) + Gimsa stain
 - 4) - all are true
- 46) members of Genus Candida generally are
- 1) - urease positive
 - 2) - capsulated
 - 3) - carotinoid pigments are produced
 - 4) + none of the above
- 47) Aspergillus has the following characters except
- 1) + Aspergillus niger is responsible for 90-95% of aspergillosis in animals
 - 2) - moulds with septated hyphae
 - 3) - colonies ranging from bluish-green through yellow to black
 - 4) - Most of the Aspergillus species are fungi imperfecti
- 48) Direct microscopy for detection of Aspergillus that causes mycotic diseases Tissue scraping and other materials can be examined using



- 1) - Gram's stain
 - 2) + 10 % KOH as a mount preparation
 - 3) - Gimsa stain
 - 4) - all are true
- 49) Mycotoxins have the following Properties except
- 1) + Non-antigenic and heat labile with low M.W.
 - 2) - Active at low concentrations
 - 3) - Many of the mycotoxins affect target organs
 - 4) - have a wide range of clinical effects
- 50) aflatoxins are producing by
- 1) - Aspergillus niger strains (about 50% of aflatoxins) and penicillium viridicatum (about 20-25% of aflatoxins)
 - 2) + Aspergillus flavus strains (about 50% of aflatoxins) and penicillium viridicatum (about 20-25% of aflatoxins)
 - 3) - Aspergillus fumigatus strains (about 50% of aflatoxins) and penicillium viridicatum (about 20-25% of aflatoxins)
 - 4) - Aspergillus flavus strains (about 50% of aflatoxins) and Aspergillus niger strains (about 20-25% of aflatoxins)