



مقدم من فريق أفق الطبي



Subject: Microbiology
Fall Term:
Date: November, 2019/2020

Faculty of Medicine

Course Number: 6104211
Midterm Exam: Second Year
Time allowed: One Hour

Each Question Followed by Options, Select the Most Appropriate Option

1	Which of the following bacteria can synthesize vitamins ☒ a. Clostridium difficile ☐ b. E coli ☐ c. Listeria ☐ d. Bacillus cereus ☐ e. Klebsella	7	Which of the following bacteria colonize 5% in vagina ☐ a. Group A beta hemolytic streptococci ☒ b. Group B beta hemolytic streptococci ☐ c. Streptococcus viridans ☐ d. Clostridium tetani ☐ e. Clostridium perferingens
2	Which of the following bacteria has no cell wall ☒ a. Mycoplasma ☐ b. Chlamydia ☐ c. Spirochaetes ☐ d. Borrelia ☐ e. Rickettsia	8	Polymerized D-glutamic acid is present in capsule of: ☒ a. Bacillus anthrax ☐ b. Bacillus cereus ☐ c. Gonococci ☐ d. Meningococci ☐ e. Streptococci
3	Quelling reaction is a laboratory test to identify which of the following organism ☒ a. Pneumococci ☐ b. Streptococci ☐ c. Staphylococci ☐ d. Enterococci ☐ e. Meningococci	9	Which of the following is untrue ☐ a. Almost all Spiral bacteria are motile ☐ b. About 1/2 of Bacilli are motile ☒ c. Almost all Cocci are motile ☐ d. Almost all spirochaetes are motile ☐ e. Almost all rickettsia are motile
4	Infections transmitted by spores are caused by the following bacteria except ☒ a. Vibrio cholerae ☐ b. Bacillus cereus ☐ c. Clostridium tetanus ☐ d. Clostridium difficile ☐ e. Clostridium botulinum	10	Which of the following bacteria are not stained by gram ☒ a. Mycobacterium TB ☐ b. Streptococci ☐ c. Staphylococci ☐ d. E. Coli ☐ e. Pseudomonas
5	Which of the following is obligate aerobic bacteria ☒ a. M. tuberculosis ☐ b. E. coli ☐ c. Clostridium tetani ☐ d. Clostridium botulinum ☐ e. Clostridium difficile	11	Vaccine is available for ☐ a. Streptococci pyogenes ☐ b. Streptococcus viridans ☒ c. Streptococcus bovis ☐ d. Pneumococci ☐ e. Enterococci
6	Which of the following causes skin & soft tissue infections associated with human bites ☒ a. Eikenella corrodens ☐ b. Prevotella ☐ c. Fusobacterium ☐ d. Clostridium ☐ e. Peptostreptococcus	12	Which of the following bacteria transmitted through placenta ☒ a. Treponema pallidum ☐ b. E. coli ☐ c. Salmonella ☐ d. Shigella ☐ e. Klebsella

13	Which of the following organism transmitted by Inhalation of water aerosol ☒ a. Legionella pneumophila b. Klebsella c. Brucella d. Shigella e. Salmonella	20	Which of the following organism is gram negative a. Clostridium perfringens b. Bacillus cereus c. Listeria monocytogenes d. Pneumococci ☒ e. Gonococci
14	Which of the following organism is gram positive a. Yersinia enterocolitica b. E. coli c. Salmonella d. Shigella ☒ e. Bacillus cereus	21	Which of the following cause Cat-scratch disease a. Francisella tularensis b. Campylobacter jejuni ☒ c. Bartonella henselae d. Brucella species e. Yersinia pestis
15	Which of the following microorganisms produce catalase enzyme a. Streptococcus viridans ☒ b. Staphylococcus epidermidis c. Enterococcus d. Streptococcus pyogenes e. Streptococcus agalactae	22	which of the following produce coagulase enzyme ☒ a. Staphylococcus aureus b. Staphylococcus epidermidis c. Staphylococcus saprophyticus d. Streptococcus pyogenes e. Streptococcus agalactae
16	Which of the following organism cause SSSS ☒ a. Staphylococcus aureus b. Staphylococcus epidermidis c. Staphylococcus saprophyticus d. Streptococcus pyogenes e. Streptococcus agalactae	23	Scarlet fever caused by ☒ a. Streptococcus pyogenes b. Streptococcus viridans c. Streptococcus agalactae d. Enterococcus bovis e. Staphylococcus
17	Enterotoxin responsible for food poisoning is secreted by a. Enterococci b. Streptococci c. Enterobacteriaceae ☒ d. Staphylococci e. Meningococci	24	Plague is caused by: ☒ a. Yersinia pestis b. Francisella tularensis c. Borrelia burgdorferi d. Bartonella recurrentis e. Ehrlichia chaffeensis
18	Relapsing fever is transmitted by ☒ a. Lice b. Fleas c. Ticks d. Cockroaches e. Musca domestica	25	All of the following are zoonotic except a. Anthrax b. Tularemia c. Brucella ☒ d. Psittacosis e. Legionnaire's disease
19	Surface virulence Factors important for bacterial pathogenesis present in all of the following except a. Streptococcus pneumoniae b. Streptococcus pyogenes c. Staphylococcus aureus d. Neisseria meningitidis ☒ e. Haemophilus influenzae	26	Penicillin is the drug of choice for ☒ a. Scarlet fever b. Whooping cough c. Brucellosis d. Cholera e. Tularemia

27	Which of the following staphylococcal organisms causes UTI, primarily in sexually active females? a. <i>Staphylococcus aureus</i> b. <i>Staphylococcus epidermidis</i> c. <i>Staphylococcus haemolyticus</i> ☒ d. <i>Staphylococcus saprophyticus</i> e. <i>Streptococcus agalactiae</i>	32	The most important organism cause granulomatous inflammation is ☒ a. <i>Mycobacterium Tuberculosis</i> b. <i>Staphylococcus aureus</i> c. <i>Staphylococcus epidermidis</i> d. <i>Staphylococcus haemolyticus</i> e. <i>Staphylococcus saprophyticus</i>
28	Rheumatic fever is most commonly caused by a. <i>Streptococcus viridans</i> ☒ b. <i>Streptococcus pyogenes</i> c. <i>Staphylococcus aureus</i> d. <i>Staphylococcus epidermidis</i> e. <i>Streptococcus bovis</i>	33	Glomerulonephritis is most commonly caused by a. <i>Streptococcus viridans</i> ☒ b. <i>Streptococcus pyogenes</i> c. <i>Staphylococcus aureus</i> d. <i>Staphylococcus epidermidis</i> e. <i>Streptococcus bovis</i>
29	Which of the following organisms grows in 6.5% saline? ☒ a. Enterococci b. <i>Streptococci pyogenes</i> c. Group B streptococci d. Viridans streptococci e. <i>Streptococcus bovis</i>	34	Which of the following organisms grows in bile? ☒ a. Enterococci b. <i>Streptococci pyogenes</i> c. Group B streptococci d. Viridans streptococci e. <i>Streptococcus bovis</i>
30	An outbreak of sepsis caused by <i>Staphylococcus aureus</i> has occurred in the newborn nursery. You are called upon to investigate. According to your knowledge of the normal flora, what is the most likely source of the organism? ☒ a. Nose b. Colon c. Vagina d. Throat	35	The coagulase test is used to differentiate a. <i>Staphylococcus epidermidis</i> from <i>Neisseria meningitidis</i> ☒ b. <i>Staphylococcus aureus</i> from <i>Staphylococcus epidermidis</i> c. <i>Streptococcus pyogenes</i> from <i>Staphylococcus aureus</i> d. <i>Streptococcus pyogenes</i> from <i>Enterococcus faecalis</i>
31	Which of the following organism cause neonatal sepsis & meningitis ☒ a. Group A beta hemolytic streptococci b. Group B beta hemolytic streptococci c. Group D beta hemolytic streptococci d. <i>Streptococcus viridans</i> e. <i>Streptococcus pneumoniae</i>		