



قائمة الاسئلة

أساسيات الاحياء الدقيقة المستوى الثاني - طب وجراحة الفم والاسنان

أ.د/ حسن الشماحي

- 1) Most of micro-organisms that proliferate in nature are disease producing.
 - 1) - True .
 - 2) FALSE.
- 2) Applications of microbiology have transformed the diagnosis, prevention and cure the disease.
 - 1) True .
 - 2) - FALSE.
- 3) Staphylococcus aureus cause deep systemic infection called boils.
 - 1) - True .
 - 2) FALSE.
- 4) In developing countries including Yemen, infection is still common: at least 50% of all illnesses for which patients consult their doctors are infective
 - 1) True .
 - 2) - FALSE.
- 5) Yersinia enterocolitica is important cause of gastritis in adults.
 - 1) - True .
 - 2) FALSE.
- 6) DNA-dependent DNA polymerase is the minor replicase enzyme involved in DNA replication
 - 1) - True .
 - 2) FALSE.
- 7) Bacteria have a rigid cell wall which determines their shape and bacteria may be cocci, bacilli or spirochetes.
 - 1) True .
 - 2) - FALSE.
- 8) The main pathogen of staphylococcus genus is Strept. pyogenes.
 - 1) - True .
 - 2) FALSE.
- 9) Campylobacter. Strains that cause human or animal diarrhoeal illness are thermophilic, growing best at 43 oC. The main human pathogenic species is Campylobacter jejuni subsp.jejuni.
 - 1) True .
 - 2) - FALSE.
- 10) Haemophilus influenzae Capsulated strains (predominantly type b) can cause various infections mainly in children aged from 2 months to 3 years.
 - 1) True .
 - 2) - FALSE.
- 11) Staphylococcus aureus cause deep systemic infection called boils.
 - 1) - True .
 - 2) FALSE.
- 12) Steam is a very efficient sterilizing agent because it liberates latent heat which participates in bacterial killing.
 - 1) True .
 - 2) - FALSE.
- 13) Brucella melitensis are found in the excretions as urine of infected animals.
 - 1) True .
 - 2) - FALSE.
- 14) Mutation in bacteria is due to a chemical alteration in DNA. This change is heritable and reversible.
 - 1) - True .
 - 2) FALSE.





- 15) Transposons: sometimes called jumping genes, in which segments of DNA move from plasmid to plasmid or from plasmid to chromosome.
1) True .
2) FALSE.
- 16) Leptospirosis is a zoonotic infection caused by *Leptospira interrogans*.
1) True .
2) FALSE.
- 17) Cardiotoxic diphtheria is caused by exotoxin, which damages the heart and frequently results in heart failure
1) True .
2) FALSE.
- 18) The Elek test is an in-vivo (skin) test used to identify the generation of *C. diphtheriae* toxin.
1) True .
2) FALSE.
- 19) Epidemic-louse-borne relapsing fever is caused by *Borrelia recurrentis*.
1) True .
2) FALSE.
- 20) Lyme disease is a widespread illness that can cause cardiac, neurological, and arthritic symptoms.
1) True .
2) FALSE.
- 21) Genus *Clostridium* is aerobic sporing Gram positive bacilli.
1) True .
2) FALSE.
- 22) Gram negative bacilli, which belong to the Enterobacteria often, called coliforms.
1) True .
2) FALSE.
- 23) *Brucella* is gram positive short bacilli cause Malta fever.
1) True .
2) FALSE.
- 24) Diarrhea caused by *Clostridium perfringens* is a common side effect of oral antibiotic therapy
1) True .
2) FALSE.
- 25) *Sh. flexneri* type 1, which produces protein exotoxins, causes the most severe illness, 'shiga dysentery.'
1) True .
2) FALSE.
- 26) There is links between microbes and diseases such as cancers, peptic ulcer, inflammatory bowel disease and rheumatoid arthritis.
1) True .
2) FALSE.
- 27) *Borrelia vincenti* associated with other bacteria and cause gingivo-stomatitis.
1) True .
2) FALSE.
- 28) *Treponema pallidum* cause venereal disease (STDs) called chancroid.
1) True .
2) FALSE.
- 29) *Legionella pneumophila* cause a sever form of pneumonia called legionnaires' disease.
1) True .
2) FALSE.
- 30) *Bacteroides* are important causes of abdominal and gynaecological sepsis.
1) True .





- 2) - FALSE.
- 31) Virus particles are small intracellular micro-organisms contain both RNA and DNA.
1) - True .
2) FALSE.
- 32) F-2-The virus possess cellular structures and organelles unable them to make their own proteins as enzymes.
1) - True .
2) FALSE.
- 33) Some viruses after infected cells do not replicate and they become latent.
1) True .
2) - FALSE.
- 34) Hepatitis viruses have a major importance in Yemen.
1) True .
2) - FALSE.
- 35) Chikungunya virus is important viral infection in Yemen
1) True .
2) - FALSE.
- 36) To control and prevent infections caused by arbo-viruses: washing hand with soap after defecation is important.
1) - True .
2) FALSE.
- 37) Dengue viruses are transmitted to man by the Ades female mosquito by bites.
1) True .
2) - FALSE.
- 38) The in the early stage of dengue fever, there is fever, rash, headache and pains in the muscles and joints.
1) True .
2) - FALSE.
- 39) Measles is serious viral infection in developing countries including Yemen, it can lead to death particularly in non-immune children.
1) True .
2) - FALSE.
- 40) Rabies is viral infection by babies virus transmitted to human by dog bite.
1) True .
2) - FALSE.
- 41) Mumps is a viral disease caused by the mumps virus. Initial symptoms are nonspecific and include fever, headache, malaise, muscle aches and loss of appetite. These symptoms are usually followed by a painful swelling of the parotid glands called parotitis. النكفية الغدة التهاب
1) True .
2) - FALSE.
- 42) Coronaviruses are a group of related RNA viruses that cause diseases in mammals and birds. In humans and birds, it causes respiratory infections that can range from mild to fatal.
1) True .
2) - FALSE.
- 43) Hepatitis B is an infectious disease caused by the hepatitis B virus (HBV) that infects the liver.
1) True .
2) - FALSE.
- 44) Viruses such as rotavirus are transmitted through the fecal-oral route, which includes contamination of hands, food, and water.
1) True .
2) - FALSE.





- 45) HIV is transmitted through bodily fluids transmitted during sex.
1) True .
2) FALSE.
- 46) Candida is sensitive to most antibacterial antibiotics.
1) True .
2) FALSE.
- 47) Tinea pedis (athlete's foot): fungal infection of the feet.
1) true.
2) false.
- 48) Tinea unguium: fungal infection of the fingernails and toenails, and the nail bed.
1) true.
2) false.
- 49) Tinea corporis: fungal infection of the groin, nails, arms, legs, and trunk.
1) true.
2) false.
- 50) Tinea cruris (jock itch): fungal infection of the groin area only.
1) true.
2) false.
- 51) Cryptococcus neoformans usually cause disease for AIDS patients.
1) true.
2) false.
- 52) Mycotoxicosis the result of eating mould food in which the fungus has produced toxic metabolites.
1) true.
2) false.
- 53) Otomycosis, is diseases caused by fungi infected middle ear.
1) true.
2) false.
- 54) Superficial infections of the mucosa with yeast called thrush.
1) true.
2) false.
- 55) Cryptococcosis, Caused by Cr,neoformans, usually effected brain (CSF), lung, and other reticuloendothelial system.
1) true.
2) false.

