



قائمة الاسئلة

فصلجة بكتريا - () - المستوى الثاني - قسم مختبرات - عام - كلية الطب والعلوم الصحية - الفترة - درجة الامتحان (60)

د. اشتياق اليوسفي

- 1) Plasmids are transferred from one bacterium to another by sex pili:
 - 1) ☒ + Conjugation
 - 2) ☐ - Transduction
 - 3) ☐ - Transformation
 - 4) ☐ - All the choicces
- 2) Contain special nutrients such as whole blood, serum and vitamins:
 - 1) ☐ - Basic media
 - 2) ☒ + Enriched media
 - 3) ☐ - Selective media
 - 4) ☐ - Differential media
- 3) Formation of spores within bacterial cell:
 - 1) ☐ - Free spore
 - 2) ☐ - Sporulation
 - 3) ☒ + Endospores
 - 4) ☐ - None of them
- 4) Polysaccharide layer in some bacteria:
 - 1) ☒ + Capsules
 - 2) ☐ - Cell wall
 - 3) ☐ - Cytoplasm
 - 4) ☐ - Nucleotide
- 5) Several flagella can extend from one end of cell:
 - 1) ☐ - Monotrichous
 - 2) ☒ + Lophotrichous
 - 3) ☐ - Amphitrichous
 - 4) ☐ - Peritichous
- 6) Areas in the cell membrane of bacterial cells that fold inward:
 - 1) ☐ - Cell wall
 - 2) ☐ - Cell membrane
 - 3) ☒ + Mesosomes
 - 4) ☐ - Nucleotide
- 7) The sites of proteins synthesis in bacterial cells:
 - 1) ☐ - Nucleoid
 - 2) ☐ - Cell wall
 - 3) ☐ - Cytoplasm
 - 4) ☒ + Ribosomes
- 8) Single long molecules circular double DNA:
 - 1) ☒ + Nucleoid
 - 2) ☐ - Cell wall
 - 3) ☐ - Cytoplasm
 - 4) ☐ - Ribosomes
- 9) Produced only by Gram negative bacteria, part of the bacterium cell wall, released on bacterial death or in bacterial growth:
 - 1) ☐ - Exotoxins
 - 2) ☒ + Endotoxins
 - 3) ☐ - Both Exotoxins and Endotoxins



- 4) - None of them
- 10) The virus that attached and infected bacterial cells:
- 1) - Viroid
 - 2) - Prions
 - 3) ☒ Bacteriophage
 - 4) - All the choicces
- 11) Types of mutations:
- 1) - Substitution
 - 2) - Insertion
 - 3) - Deletion
 - 4) ☒ All the choicces
- 12) Example for toxoid vaccines:
- 1) ☒ DPT
 - 2) - MMR
 - 3) - HBV
 - 4) - None of them
- 13) The bacteria that retain violet dye and colored purple are:
- 1) - Gram negative
 - 2) ☒ Gram positive
 - 3) - Both Gram negative and Gram positive
 - 4) - None of them
- 14) Bacteria are: cells
- 1) - Eukaryotic
 - 2) - Acellular
 - 3) ☒ Prokaryotic
 - 4) - None of them
- 15) All of them are essential structure in bacteria except:
- 1) - Cell wall
 - 2) - Cytoplasm
 - 3) - Ribosomes
 - 4) ☒ Flagella
- 16) Vicious watery solution contains the internal organelles of bacteria:
- 1) ☒ Cytoplasm
 - 2) - Ribosomes
 - 3) - Cell wall
 - 4) - All the choicces
- 17) Extrachrosomal DNA known as:
- 1) - Cytoplasm
 - 2) ☒ Plasmids
 - 3) - Nucleoid
 - 4) - None of them
- 18) Metachromatic granules are seen in:
- 1) - S. aureus
 - 2) - S. epidermidis
 - 3) ☒ Corynebacterium spp
 - 4) - All the choicces
- 19) Only present in motile bacteria:
- 1) - Pili
 - 2) - Fimbriae



- 3) - Both Pili and Fimbriae
4) ☒ Flagella
- 20) The optimum temperature for the growth of bacteria:
1) ☒ 37
2) - 48
3) - 47
4) - 44
- 21) The science that study fungi is:
1) ☒ Mycology
2) - Virology
3) - Bacteriology
4) - immunology
- 22) Bacteria cells attachment and conjugation is :
1) ☒ Pili
2) - Fimbriae
3) - None of them
4) - flagella
- 23) Bacteria cell attachment to surface of other cells
1) - Pili
2) ☒ Fimbriae
3) - None of them
4) - flagella
- 24) Example of capsular stain is
1) ☒ India ink
2) - malachite green
3) - ZNS
4) - None of them
- 25) Mucoid colonies in culture plates indicate the bacteria has:
1) - Cell wall
2) ☒ Capsules
3) - Ribosomes
4) - Flagella
- 26) The bacteria that arranged in chain called:
1) - Diplo
2) - staph
3) ☒ strept
4) - cocci
- 27) The bacteria adapt themselves to growth condition (Growth rate = Zero)
1) - Log phase
2) ☒ Lag phase
3) - Stationary phase
4) - Decline phase
- 28) CO₂ condition required to grow the bacteria is generated by using:
1) ☒ Candle jar
2) - Anaerobic Jar
3) - All the choices
4) - None of them
- 29) Contain simple and essential components, no special nutrients added:
1) - Differential media



- 2) ☒ Basic media
- 3) ☐ Enriched Media
- 4) ☐ Selective media
- 30) The culture media that contains indicators is:
- 1) ☒ Differential media
- 2) ☐ Basic media
- 3) ☐ Enriched Media
- 4) ☐ Selective media