

Microbiology

Mid



Clusters of flagella at both end of the cell called:

- a) Lophotrichous
- b) Monotrichous
- c) Amphitrichous
- d) Peritrichous

Answer:c

: One of the following bacteria considered as a grape structure

- a) staphylococci
- b) streptococci
- c) spirochete
- d) vibrio
- e) Coccobacillus

Answer:a

:One of the following bacteria have a lipopolysaccharides in its cell wall

- a) gram-positive bacteria
- b) gram-negative bacteria
- c) streptococci

Answer:b

The temperature that describes the maximal possible rate at which organisms

:grow

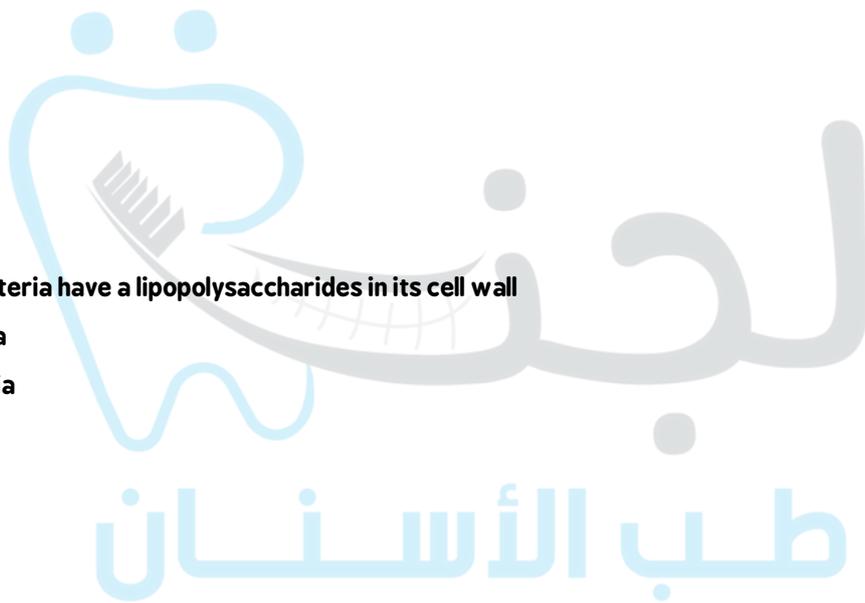
- a) optimum temperature
- b) Cardinal temperature
- c) maximum temperature
- d) minimum temperature

Answer:a

:The convenient temperature range for the mesophiles

- a) 40-60
- b) 25-40
- c)60-80

Answer:b



Organisms that do not and may even be killed by oxygen:

- a) aerobes
- b) facultative
- c) anaerobes
- d) Aerotolerant anaerobes

Answer:c

What is the level of classification that strain refer to:

- a)Subspecies
- b)Species
- c)Genus
- d)Family

Answer:a

The average size of cells during the exponential phase of growth is:

- a) lesser than the lag phase
- b) greater than the lag phase
- c) none of these
- d) equal to the lag phase

Answer:a

Ribosomes are the factory of___ synthesis? Select one:

- a.Protein
- b.Plasmid
- c.Sugar
- d.Lipid
- e.DNA

Answer:a

Which of the followings has a spiral shape? Select one:

- a. Neisseria
- b. Treponema
- c. Chlamydia
- d. E. coli
- e. Yersinia

Answer: b

The cell wall of gram-negative bacteria may contribute to the development of septic shock. Identify the component which is most associated with the induction of septic shock? Select one:

- a. Capsular protein
- b. Lipopolysaccharide
- c. Peptidoglycan
- d. Phospholipid
- e. Teichoic acid

Answer: b

In which phase of bacterial growth are the number of growing equal the number of dying bacteria? Select one :

- a. Lag
- b. Log
- c. Stationary.
- d. Death.
- e. Eclipse.

Answer: c

Which bacteria cannot stain which gram stain because it's complex waxes :

- 1) mycobacterium
- 2) diphtheriae
- 3) listeria monocytogeneses

Answer: 1

All of the following is true about mycobacterium except :

- 1) gram positive
- 2) strict aerobic
- 3) acid fast staining
- 4) grow fast in lab

Answer: 4

All of the following is true except :

Robert Hooke : discovered animalcules

True classification of bacteria is :

- 1) Kingdom , phylum , class , order , family , genus , species
- 2) Phylum , kingdom , class , order , family , genus , species
- 3) Class , order , family , division , genus , species

Answer: 1



All of the following is classification of cocci except :

- 1) diplococcus
- 2) tetrads
- 3) sarcinae
- 4) palisade

Answer: 4

