

Biology Fsc Part 1 Chapter 2 Online Test

Sr	Questions	Answers Choice
1	At some point, bacterial cell membrane invaginates to form vesicles, tubules or lamellae in cytoplasm, these structures are known as.	A. Ribosomes B. Mesosomes C. Endosomes D. Peroxisomes
2	The major component of bacterial cell wall is.	A. Lecithin B. Peptidoglycan C. Disaccharides D. All of above
3	When a bacterial population moves together by means of flagella. It is called.	A. Twitching B. Crawling C. Swarming D. Brownian movement
4	The cell wall of Gram positive and gram negative bacteria differs in.	A. Gram positive contain thin layer of peptidoglycan B. Gram negative contain less lipid content C. Gram negative contain lesser periplanar space D. Gram positive contain thick layer of peptidoglycan and less lipid content
5	The mats on the sediments in the sea are dominated by	A. Cyanobacteria B. Pseudomonas C. Actinomycetes D. Chemosynthetic bacteria
6	Spirochetes move by	A. Flexing B. Axial filament C. Modified flagellum D. All of above
7	Many bacteria can survive extended periods of harsh conditions by forming specialized cells called.	A. Exospores B. Endospores C. megasporae D. Microspores
8	The process by which bacteria make endospores is called.	A. Sporulation B. Fragmentation C. Sporogony D. Lysis
9	Counter clockwise rotation of flagellum pushes the cell	A. Forward B. Backward C. Medially D. Laterally
10	The bacterial with tuft of flagella at both poles is	A. Amphitrichous B. Atrichous C. Piritrichous D. Lophotrichous
11	Plasmid are used to carry gene of interest for the synthesis of specific	A. Lipids B. Proteins C. Polysaccharides D. Nucleic acids
12	Chromosome of bacteria differs from eukaryotic chromosomes in.	A. Bounded by membrane B. Lack histones C. Have histones D. Have Nucleosome
13	The bacterial chromosome is typically	A. Linear, double stranded DNA B. Circular, double stranded DNA C. Circular, single stranded RNA D. Linear, single stranded DNA
14	The structure which connects basal body with filament, in bacteria is.	A. Rotating ring B. Hook C. Pilus D. Plasmid

15 Which of the following is not the function of mesosomes.

A. Adhesion
B. Cell division
C. DNA replication
D. Respiration

16 What is the primary function of flagella in bacterial cells

A. Motility
B. DNA replication
C. Cell division
D. Protein synthesis

17 Which of the following bacterial structures is responsible for detecting and responding to chemicals.

A. Capsule
B. Pili
C. Flagella
D. Ribosomes

18 The enzyme responsible for converting HIV RNA into DNA is

A. RNA polymerase
B. Reverse transcriptase
C. DNA Helicase
D. Integrase

19 Circular, double stranded, extra chromosomal DNA in bacteria is called.

A. Genomic DNA
B. Chromosomal DNA
C. Plasmid
D. Episome

20 Which of the following component is not found in all kinds of bacteria.

A. Capsule
B. Cell membrane
C. Nucleoid
D. Ribosomes
