

Biology Fsc Part 1 Chapter 2 Online Test

| Sr | Questions | Answers Choice |
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| 1 | Counter clockwise rotation of flagellum pushes the cell | A. Forward B. Backward C. Medially D. Laterally |
| 2 | Spirochetes move by | A. Flexing B. Axial filament C. Modified flagellum D. All of above |
| 3 | 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 |
| 4 | Which of the following is similar to twitching movements. | A. Gliding B. Crawling C. Brownian movement D. Swarming |
| 5 | The HIV capsid contains. | A. Single stranded DNA and reverse transcriptase B. Single stranded RNA and reverse transcriptase C. Double stranded DNA and integrate D. Double Stranded RNA and RNA Polymerase |
| 6 | Chromosome of bacterial differs from eukaryotic chromosomes in. | A. Bounded by membrane B. Lack histones C. Have histones D. Have Nucleosome |
| 7 | When a bacterial population moves together by means of flagella. It is called. | A. Twitching B. Crawling C. Swarming D. Brownian movement |
| 8 | Which of the following is not the function of mesosomes. | A. Adhesion B. Cell division C. DNA replication D. Respiration |
| 9 | Which of the following component is not found in all kinds of bacteria. | A. Capsule B. Cell membrane C. Nucleoid D. Ribosomes |
| 10 | The mats on the sediments in the sea are dominated by | A. Cyanobacteria B. Pseudomonas C. Actinomycetes D. Chemosynthetic bacteria |
| 11 | The fossil record of prokaryotes shows that archaea and bacteria were abundant.....years ago. | A. 2.5 million B. 3.5 million C. 3.5 billion D. 1.5 billion |
| 12 | The structure which connects basal body with filament, in bacteria is. | A. Rotating ring B. Hook C. Pilus D. Plasmid |
| 13 | Circular, double stranded, extra chromosomal DNA in bacteria is called. | A. Genomic DNA B. Chromosomal DNA C. Plasmid D. Episome |
| | | A. Gram negative |

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| 14 | Which bacterial posses pore made up of porin protein, for spacific molecules. | B. Gram positive C. Gram negative D. Both a and b |
| 15 | Which group of bacteria is known as a good source of antibiotics. | A. <i>Omnibacteria</i> B. <i>Actinomycetes</i> C. <i>Spirochaetes</i> D. <i>Pseudomonas</i> |
| 16 | The type of movement in bacteria whcih is due to expansion created by pushign force of dividing cells is. | A. <i>Sliding</i> B. <i>Gliding</i> C. <i>Twitching</i> D. <i>Swarming</i> |
| 17 | The bacterial with tuft of flagella at both poles is | A. <i>Amphitrichous</i> B. <i>Atrichous</i> C. <i>Pirtrichous</i> D. <i>Lophotrichous</i> |
| 18 | The enzyme responsible for converting HIV RNA into DNA is | A. RNA polymeras B. <i>Reverse transcriptase</i> C. DNA Helicase D. Integrase |
| 19 | Many bacterial can survive extended periods of harsh conditions by forming specialized cells cailed. | A. Exospores B. <i>Endospores</i> C. megaspores D. Microspores |
| 20 | Which type of motility in bacteria is mediated by pili | A. Brownian movement B. <i>Twitching motility</i> C. <i>Swarming motility</i> D. <i>gliding motility</i> |