

Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which of the following criteria is commonly used to classify viruses.	A. Their ability to cause specific diseases B. The type of nucleic acid they contain C. The colour of the virus particles D. Their mode of transmission
2	What type of speciation occurs when populations are geographically separated by a physical barrier.	A. Sympatric Speciation B. Parapatric Speciation C. Allopatric Speciation D. Peripatric Speciation
3	There are.....types of myofibrils	A. 2 B. 18 C. 100 D. 25
4	The temperature at which an enzyme works at its maximum rate is called.	A. Specific temperature B. Maximum temperature C. Optimum temperature D. Initial temperature
5	Chromosome of bacterial differs from eukaryotic chromosomes in.	A. Bounded by membrane B. Lack histones C. Have histones D. Have Nucleosome
6	The lipids in the cell membranes of bacterial and eukarya have fatty acids attached to glycerol by.....	A. Ester linkage B. Glycosidic linkage C. Phospho diester linkage D. Ether linkage
7	Flexion or bending of lower leg is done by	A. Quadriceps femoris B. Hamstrings C. Biceps D. Gastrocnemius
8	Which of the following is not present in the cell walls of archaea.	A. Peptidoglycan B. Polysaccharides C. Proteins D. Both a and b
9	Where does chemical digestion of carbohydrates begin?	A. Oesophagus B. Stomach C. Mouth D. Small intestine
10	Oaks, maples and roses are adapted to prevent ice crystal formation by	A. Heat shock proteins B. Changing solute composition of cells C. Increasing proportion of unsaturated fatty acids D. Evaporation
11	The theory which relies on the principle of osmotic pressure differences between source and sink regions is	A. Pressure flow theory B. TACT C. Mass flow hypothesis D. Both a and c
12	Which statement characterizes tension in TACT theory	A. Negative pressure created by pulling force for continuous flow of water B. Attractive force between water and xylem walls C. Attractive force between water molecules D. Both a and c
13	Counter clockwise rotation of flagellum pushes the cell	A. Forward B. Backward C. Medially D. Laterally
14	Ernst Mayr's definition of species emphasizes.	A. Reproductive isolation in natural populations B. Shared habitat preferences

C. Identical DNA Sequences
D. Morphological similarities

15 Which of the following is not a mesophyte.

- A. Daisies
- B. Blue agave
- C. Tomatoes
- D. Rose

16 The specific heat of vaporization of water is.

- A. 570 Kcal/kg
- B. 374 cal /moles
- C. 574 Kcal/kg
- D. 717.6 kcal/gram

17 An injury to tendon is called.

- A. Strain
- B. Sprain
- C. Tendonitis
- D. Wrick

18 Which of the following can be affected by temperature in an enzyme

- A. Hydrogen bond
- B. Hydrophobic interaction
- C. Hydrophilic interaction
- D. Both a and b

19 A molecule of chlorophyll consists of a hydrophilic head and

- A. Hydrophobic tail
- B. Hydrophilic tail
- C. Oxidative tail
- D. Reductive tail

20 Domains suggested by Carl Woese in a 1990 includes.

- A. Domain Archaea
- B. Domain Bacteria
- C. Domain Eukarya
- D. All of above