

Biology Fsc Part 1 Chapter 12 Online Test

| Sr | Questions | Answers Choice |
|----|--|---|
| 1 | the basic structural units of compact bone are called. | A. Neural canal B. Haversian canal C. Haversian system D. Lacuna |
| 2 | What is true about antagonistic pair of muscles . | A. It provides a backup if one of the muscles is injured B. One muscle pushes while other pulls C. It allows muscles to produce opposing movements D. It doubles the strength of contraction |
| 3 | Sudden, involuntary painful tetanic contraction of muscle or group of muscles most commonly in feet and legs, occurs in. | A. Cramps B. Myositis C. Sciatics D. Tetanus |
| 4 | There are.....types of myofilaments | A. 2 B. 18 C. 100 D. 25 |
| 5 | The type of joint in which bones are directly connected to each other by collagen are called. | A. Saddle joints B. Fibrous joints C. pivot joints D. Cartilaginous joint |
| 6 | The most common cause of tetany is. | A. Hypercalcemia B. Hypocalcemia C. Hypokalemia D. Hyperoxalemia |
| 7 | What will be your probable diagnosis if a patient presents to you with pain, numbness, tingling in affected area, bowel and bladder dysfunction. | A. Spondylosis B. Arthritis C. Herniated disc D. Sciatica |
| 8 | When a muscle contracts, what does not happen. | A. Sarcomere shortens B. Z-lines move apart C. H-zone disappears D. A-bands come closer |
| 9 | A condition characterized by weakened bones, bone density decreased, is most likely. | A. Osteoporosis B. Osteodystrophy C. Spondylosis D. Osteoarthritis |
| 10 | Which structures are part of the appendicular skeleton. | A. Ethmoid bone B. Humerus bone C. Lumbar vertebrae D. Floating ribs |
| 11 | Pick the odd one. | A. Vomer B. Lacrimal C. Nasal D. Maxilla |
| 12 | The thick myofilaments create | A. A Band B. I-Band C. Z- Band D. H-Band |
| 13 | Sliding filaments model explains. | A. Physiology of muscle contraction B. Composition of muscle fibre C. Stiffening of muscles after death D. Levels of organization of muscles |
| 14 | the most common cause of spondylosis is. | A. Natural degeneration of intervertebral discs B. Aging C. Genetic factors D. Trauma |

| | | |
|----|--|--|
| 15 | In a muscle, the Z-line are the proteins for the attachment of the ends of. | A. Actin filaments B. Myosin filaments C. Both actin and myosin filaments D. Sarcomeres |
| 16 | Which of the following tissue has the ability to contract in a coordinated way to produce movements. | A. Adipose tissue B. Nervous tissue C. Muscle tissue D. Connective tissue |
| 17 | Twisted strand of pearls is the characteristic of. | A. Actin B. Myosin C. Troponin D. Tropomyosin |
| 18 | the cells that make the cartilage matter are. | A. Lacunae B. Chondrocytes C. Osteocytes D. Oligodendrocytes |
| 19 | The extensors of lower leg are. | A. Quadriceps B. Hamstrings C. Rectus femoris D. Gluteus |
| 20 | Thick myofilaments are about ...in diameter. | A. 16 nm B. 1-2 micro metre C. 7-8 nm D. 1-2 nm |