

## Biology Fsc Part 1 Chapter 12 Online Test

Sr	Questions	Answers Choice
1	The bone cells which maintain healthy bone tissue by secreting enzymes and bone mineral content, also regulate calcium release from bones are.	A. Osteocytes B. Osteoblasts C. Fibroblasts D. Osteoclasts
2	There are.....types of myofilaments	A. 2 B. 18 C. 100 D. 25
3	The smallest unit of muscle contraction is called	A. Sarcomere B. Sarcoplasmic reticulum C. Sarcoplasm D. I-Band
4	The 2nd step of sliding filament model is.	A. Sarcomere at relaxed state B. Arrival of nerve impulse C. Cross bridges and power stroke D. Separation of myosin heads
5	Which of these extends the entire length of a muscle fibre.	A. Myofibril B. Sarcomere C. Myosin filament D. Actin filament
6	The human vertebral column has a distinctive.....	A. S- Shaped B. C- Shaped C. Y- Shaped D. H- Shaped
7	The thick myofilaments create	A. A Band B. I-Band C. Z- Band D. H-Band
8	The type of bone cells which secrete unmineralized ground substances are.	A. Osteoblasts B. Osteocytes C. Osteoclast D. Osteoprogenitor cells
9	The most common type of arthritis is.	A. Osteoarthritis B. Rheumatoid arthritis C. Gout D. Ankylosing arthritis
10	The basic structural units of compact bone are called.	A. Neural canal B. Haversian canal C. Haversian system D. Lacuna
11	Dislocated joint can only be successfully corrected by a.	A. Pulmonologist B. Rheumatologist C. Physiotherapist D. pathologist
12	A condition characterized by weakened bones, bone density decreased, is most likely.	A. Osteoporosis B. Osteodystrophy C. Spondylosis D. Osteoarthritis
13	Thin myofilaments are about .....in diameter	A. 7-8 nm B. 1-2 micro metre C. 100 micro metre D. 16 nm
14	Which structures are part of the appendicular skeleton.	A. Ethmoid bone B. Humerus bone C. Lumbar vertebrae D. Floating ribs
		A. Myosin filaments pull on the sarcomere so that actin filaments are shortened B. Myosin filaments pull on actin

15	Which statement is correct to describe sliding filament model of muscle contraction	<p>filaments so that sarcomere is shortened</p> <p>C. Actin filaments pull on myosin filaments so that sarcomere is shortened</p> <p>D. Actin filaments pull on sarcomere so that myosin filaments are shortened.</p>
16	Regularly striped, cylindrical voluntary control are eh key features of.	<p>A. Skeletal muscles</p> <p>B. Cardiomyocytes</p> <p>C. Smooth muscles</p> <p>D. Ciliary muscles</p>
17	Which of the followig is found in epiglottis.	<p>A. Elastic cartilage</p> <p>B. Hyaline cartilage</p> <p>C. Fibro cartilage</p> <p>D. Annulus fibrosus</p>
18	Sarcomer is a part between	<p>A. Two Z-lines</p> <p>B. Two H-lines</p> <p>C. Two A-bands</p> <p>D. Two - I-bands</p>
19	Tendons connect bone and	<p>A. Muscle</p> <p>B. Bone</p> <p>C. Ligaments</p> <p>D. Cartilage</p>
20	the most common cause of spondylosis is.	<p>A. Naturla degenerqtion of interertebral discs</p> <p>B. Aging</p> <p>C. Genetic factors</p> <p>D. Trauma</p>