

Biology Fsc Part 1 Chapter 12 Online Test

Sr	Questions	Answers Choice
1	Which of the following is found in epiglottis.	<p>A. Hyaline cartilage B. Elastic cartilage C. Annulus fibrosus D. Fibro cartilage</p>
2	Which of the following tissue has the ability to contract in a coordinated way to produce movements.	<p>A. Adipose tissue B. Nervous tissue C. Muscle tissue D. Connective tissue</p>
3	A condition characterized by weakened bones, bone density decreased, is most likely.	<p>A. Osteoporosis B. Osteodystrophy C. Spondylosis D. Osteoarthritis</p>
4	The process of formation of bone is called.	<p>A. Ossification B. Osteogenesis C. Remodelling D. Osteoporosis</p>
5	The total number of vertebrae in an adult is	<p>A. 56 B. 26 C. 14 D. 28</p>
6	the most common cause of spondylosis is.	<p>A. Natural degeneration of intervertebral discs B. Aging C. Genetic factors D. Trauma</p>
7	the protein strands which wrap about actin core and stiffen it is.	<p>A. Myosin B. Tropomyosin C. G-protein D. Troponin</p>
8	The adult human skeletal system consists ofbones.	<p>A. 206 B. 80 C. 22 D. 365</p>
9	Yellow marrow	<p>A. Fills the shafts of long bones B. Consists mostly of fat cells C. Serves as an energy reserve D. All of above</p>
10	Each muscle fibre contains elongated thread like structures called myofibrils	<p>A. 4 to 20 B. 4 to 10 C. 2 to 4 D. 4 to 10</p>
11	The 2nd step of sliding filament model is.	<p>A. Sarcomere at relaxed state B. Arrival of nerve impulse C. Cross bridges and power stroke D. Separation of myosin heads</p>
12	Having limited repair ability the most likely it is. bilyt no direct blood vessel	<p>A. Cartilage B. Liver C. Bone D. Adipose tissue</p>
13	Decline in muscle performance after prolonged or intense physical activity with pain, decreased muscle strength and reduced endurance indicates.	<p>A. Cramps B. muscle fatigue C. Tetany D. Tetanus</p>
14	The concentric layers of mineralized extra cellular matrix that contains collagen fibres and needle shaped crystals of calcium phosphate is	<p>A. Lacunae B. Lamellae C. Haversian canal D. Canaliculi</p>
15	There are.....types of myofibrils	<p>A. 2 B. 18 C. 100 D. 25</p>

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- 16 Thick myofilaments are about ...in diameter.
- A. 16 nm
 - B. 1-2 micro metre
 - C. 7-8 nm
 - D. 1-2 nm
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- 17 Sarcomer is a part between
- A. Two Z-lines
 - B. Two H-lines
 - C. Two A-bands
 - D. Two - I-bands
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- 18 Un-stripped, spindle shaped, one nucleus per cell are the characteristics of.
- A. Cardiac muscle
 - B. Smooth muscle
 - C. Skeletal muscle
 - D. Voluntary muscles
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- 19 the most abundant and the most common type of cartilage is
- A. Hyaline cartilage
 - B. Fibro cartilage
 - C. Elastic cartilage
 - D. All of the above
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- 20 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
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