

## Biology Fsc Part 1 Chapter 12 Online Test

| Sr | Questions  | Answers Choice  |
|----|--|---|
| 1  | The type of bone cells which secrete unmineralized substances are.   | A. Osteoblasts<br>B. Osteocytes<br>C. Osteoclast<br>D. Osteoprogenitor cells  |
| 2  | Pick the odd one.  | A. Vomer<br>B. Larynx<br>C. Nasal<br>D. Maxilla   |
| 3  | Which of the following is found in epiglottis.   | A. Elastic cartilage<br>B. Hyaline cartilage<br>C. Fibro cartilage<br>D. Annulus fibrosus   |
| 4  | The stiffening of muscles after death is called.   | A. Rigor mortis<br>B. Myasthenia gravis<br>C. Tetany<br>D. Muscle fatigue   |
| 5  | The end of skeletal muscle which is attached to stationary bone during contraction is.   | A. Origin<br>B. Insertion<br>C. Belly<br>D. Ligament  |
| 6  | When a nerve impulse reaches sarcolemma.....is released by motor neuron at a synapse.  | A. Acetylcholine<br>B. Ca <sup>++</sup><br>C. ATP<br>D. Dopamine  |
| 7  | Which statement is correct to describe sliding filament model of muscle contraction  | A. Myosin filaments pull on the sarcomere so that actin filaments are shortened<br>B. Myosin filaments pull on actin filaments so that sarcomere is shortened<br>C. Actin filaments pull on myosin filaments so that sarcomere is shortened<br>D. Actin filaments pull on sarcomere so that myosin filaments are shortened. |
| 8  | A male of 63 years comes to Dr. Asif complains of severe pain in the 1st tarsometatarsal joint. His blood reports show high level of uric acid. What will be most likely the disorders he is suffering from. | A. Gouty arthritis<br>B. Osteoarthritis<br>C. Hypophosphatemic rickets<br>D. Osteoporosis   |
| 9  | The procedure in which a healthy joint from a donor is transplanted to replace the damaged joint is called.  | A. Allograft transplantation<br>B. Chondrocyte implantation<br>C. Particle joint replacement<br>D. Total joint replacement  |
| 10 | When a muscle contracts, what does not happen.   | A. Sarcomere shortens<br>B. Z-lines move apart<br>C. H-zone disappears<br>D. A-bands come closer  |
| 11 | A female presented to you with pain in lower back buttocks and legs. She has difficulty in moving  | A. Rheumatoid arthritis<br>B. Sciatica<br>C. Spondylosis<br>D. Disc slip  |
| 12 | The study of muscles is called.  | A. Mycology<br>B. Myology<br>C. Myology<br>D. Phycology   |
| 13 | Sarcolemma is  | A. Cytoplasm of skeletal muscle fibre<br>B. Endoplasmic reticulum of muscle fibre<br>C. Plasma membrane of myocyte<br>D. Sarcomere  |
|    |  | A. Saddle joints<br>B. Hinge joints<br>C. Ball and socket joints<br>D. Pivot joints   |

14 The type of joint in which bones are directly connected to each other by collagen are called.  
B. Fibrous joints  
C. pivot joints  
D. Cartilaginous joint

15 The commonality between skeletal muscles and cardiac muscles.  
A. Strips  
B. One nucleus  
C. Voluntary control  
D. Movement of skeleton

16 There are.....types of myofilaments  
A. 2  
B. 18  
C. 100  
D. 25

17 The broad ends of a bone are called  
A. Epiphysis  
B. Diaphysis  
C. Paaphysis  
D. Metaphysis

18 Dislocated joint can only be successfully corrected by a.  
A. Pulmonologist  
B. Rheumatologist  
C. Physiotherapist  
D. pathologist

19 Rotational movement around single axis is the characteristic of  
A. Pivot joint  
B. Ball and socket joint  
C. Fibrous joint  
D. Synovial joint

20 Inferior nasal concha belongs to  
A. Maxilla  
B. Facial structure  
C. Brina box  
D. Rib cage