

## Biology Fsc Part 1 Chapter 12 Online Test

| Sr | Questions   | Answers Choice  |
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| 1  | the collagen fibres and connective tissue which attach the muscle to bone are.  | A. Ligaments<br>B. Tendons<br>C. Fascia<br>D. Chords                                      |
| 2  | All of the following belongs to brain box   | A. Vomer<br>B. Frontal bone<br>C. Ethmoid<br>D. Sphenoid bone                             |
| 3  | The adult human skeletal system consists of .....bones.   | A. 206<br>B. 80<br>C. 22<br>D. 365  |
| 4  | The process of formation of bone is called.   | A. Ossification<br>B. Osteogenesis<br>C. Remodelling<br>D. Osteoporosis                   |
| 5  | A condition characterized by weakened bones, bone density decreased, is most likely.  | A. Osteoporosis<br>B. Osteodystrophy<br>C. Spondylosis<br>D. Osteoarthritis               |
| 6  | The human vertebral column has a distinctive.....   | A. S- Shaped<br>B. C- Shaped<br>C. Y- Shaped<br>D. H- Shaped                              |
| 7  | the basic structural units of compact bone are called.  | A. Neural canal<br>B. Haversian canal<br>C. Haversian system<br>D. Lacuna                 |
| 8  | Which of the following is NOT the part of axial skeleton.   | A. Skull<br>B. Patella<br>C. Spine<br>D. Sternum  |
| 9  | Thick myofibrils are about ... in diameter.   | A. 16 nm<br>B. 1-2 micro metre<br>C. 7-8 nm<br>D. 1-2 nm                                  |
| 10 | Regularly striped, cylindrical voluntary control are the key features of.   | A. Skeletal muscles<br>B. Cardiomyocytes<br>C. Smooth muscles<br>D. Ciliary muscles       |
| 11 | 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 disorder he is suffering from. | A. Gouty arthritis<br>B. Osteoarthritis<br>C. Hypophosphatemic rickets<br>D. Osteoporosis |
| 12 | Which problems can arise due to improper posture.   | A. Vertebral misalignment<br>B. Joint Strain<br>C. Muscle imbalances<br>D. All of above   |
| 13 | Having limited repair ability the most likely it is. It is not direct blood vessel  | A. Cartilage<br>B. Liver<br>C. Bone<br>D. Adipose tissue                                  |
| 14 | Which part of muscle fibre releases calcium ions which trigger contraction.   | A. Sarcolemma<br>B. Sarcoplasm<br>C. Sarcoplasmic reticulum<br>D. T-tubules               |
| 15 | Clavicle articulates with   | A. Sternum, scapula<br>B. Vertebrae, ribs<br>C. Pelvic girdle<br>D. Tibia, fibula         |

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| 16 | Each muscle fibre contains elongated thread like structures called myofibrils                                 | A. 4 to 20<br>B. 4 to 10<br>C. 2 to 4<br>D. 4 to 10  |
| 17 | The joint which allow movement in two planes, one bone having concave surface, other having convex surface is | A. Hinge joint<br>B. Saddle joint<br>C. Gliding joint<br>D. Pivot joint  |
| 18 | Layer of connective tissue that surrounds the cartilage having blood vessels and nerves is called.            | A. Perichondrium<br>B. Peritoneum<br>C. Peristium<br>D. Pliiferous layer   |
| 19 | Dislocated joint can only be successfully corrected by a.   | A. Pulmonologist<br>B. Rheumatologist<br>C. Physiotherapist<br>D. pathologist  |
| 20 | 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 |

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