

Skeletal/ Muscular Test**Multiple Choice**

Identify the choice that best completes the statement or answers the question.

- _____ 1. Which bone is also known as the shoulder blade?
 - a. acromion
 - b. clavicle
 - c. scapula

- _____ 2. Which bone is also known as the kneecap?
 - a. olecranon
 - b. patella
 - c. sternum

- _____ 3. Which bone tissue functions as a fat storage area?
 - a. contact
 - b. red bone marrow
 - c. yellow bone marrow

- _____ 4. Which condition is commonly known as a bunion?
 - a. hallux valgus
 - b. talipes
 - c. torticollis

- _____ 5. Which term describes an opening in a bone through which blood vessels, nerves, and ligaments pass?
 - a. foramen
 - b. process
 - c. suture

- _____ 6. Which procedure is the surgical repair or replacement of a damaged joint?
 - a. arthrodesis
 - b. arthroplasty
 - c. arthrotomy

- _____ 7. Which condition is an inflammation of bone and bone marrow?
 - a. osteitis
 - b. osteomyelitis
 - c. periostitis

- _____ 8. Which condition is an abnormal increase in the outward curvature of the thoracic spine as viewed from the side?
 - a. kyphosis
 - b. lordosis
 - c. scoliosis

- _____ 9. Which condition is characterized by extensive bone destruction followed by abnormal bone repair?
 - a. Ewing's sarcoma
 - b. osteosclerosis
 - c. Paget's disease

- _____ 10. Which condition is the dislocation or displacement of a bone from its joint?
- ankylosis
 - lumbago
 - luxation
- _____ 11. Which procedure is the surgical repair of cartilage?
- chondritis
 - chondropathy
 - chondroplasty
- _____ 12. Which term describes a fracture in which the bone is splintered or crushed?
- closed fracture
 - comminuted fracture
 - compound fracture
- _____ 13. Which bone tissue is hematopoietic?
- periosteum
 - red bone marrow
 - yellow bone marrow
- _____ 14. Which condition is an inflammation of the vertebrae?
- spondylitis
 - spondylolisthesis
 - spondylosis
- _____ 15. Which term means the death of bone tissue?
- osteoclasia
 - osteitis
 - osteonecrosis
- _____ 16. Which procedure is an attempt to return the affected bone to its normal alignment by manually applied forces?
- immobilization
 - manipulation
 - traction
- _____ 17. Which condition is abnormal softening of bones due to disease?
- osteitis
 - osteomalacia
 - osteosclerosis
- _____ 18. Which condition is a congenital defect in which the spinal canal fails to close around the spinal cord?
- hallux valgus
 - spina bifida
 - talipes
- _____ 19. Which diagnostic technique is used to detect cancer and osteomyelitis?
- bone scan
 - computed tomography
 - dual x-ray absorptiometry

- _____ 20. Which disorder is treated with a bone marrow transplant?
- a. leukemia
 - b. osteoporosis
 - c. osteitis deformans
- _____ 21. Which term means any degenerative condition of the vertebrae?
- a. lumbago
 - b. spondylosis
 - c. spondylitis
- _____ 22. Which term describes the place where a muscle begins?
- a. insertion
 - b. origin
 - c. rotation
- _____ 23. Which term means to bend at the joint?
- a. elevation
 - b. extension
 - c. flexion
- _____ 24. Which term means to bend the foot upward at the ankle?
- a. dorsiflexion
 - b. plantar flexion
 - c. pronation
- _____ 25. Which term describes the act of rotating the arm so the palm of the hand is turned backward?
- a. circumduction
 - b. pronation
 - c. supination
- _____ 26. Which muscle is formed from three divisions?
- a. biceps
 - b. quadriceps
 - c. triceps
- _____ 27. Which type of muscle is found in hollow structures such as those of the digestive system?
- a. striated
 - b. visceral
 - c. voluntary
- _____ 28. Which term means to move away from the midline?
- a. abduction
 - b. adduction
 - c. flexion
- _____ 29. Which is an abnormal condition of muscle tone?
- a. ataxia
 - b. dystonia
 - c. myotonia

- _____ 30. Which condition is the total paralysis of one side of the body?
- hemiplegia
 - paraplegia
 - quadriplegia
- _____ 31. Which term describes the act of raising the ribs when breathing in?
- depression
 - elevation
 - extension
- _____ 32. Which term means abnormally decreased motor function or activity?
- bradykinesia
 - hyperkinesia
 - hypokinesia
- _____ 33. Which term describes an abnormal shortening of muscle tissues, making the muscle resistant to stretching?
- adhesion
 - contracture
 - spasm
- _____ 34. Which procedure is the surgical repair of a fascia?
- fascioplasty
 - fasciorrhaphy
 - fasciotomy
- _____ 35. Which condition is also known as wryneck?
- spasmodic torticollis
 - myasthenia gravis
 - intermittent claudication
- _____ 36. Which term means the study of human factors that affect the design and operation of tools and the work environment?
- ergonomics
 - kinesiology
 - physiology
- _____ 37. Which term means pertaining to lacking normal muscle tone?
- atonic
 - dystaxia
 - dystonia
- _____ 38. Which term means weakness and wasting away caused by disuse of the muscle over a long period of time?
- atrophy
 - dystonia
 - myotonia
- _____ 39. Which condition is slight paralysis of one side of the body?
- hemiparesis
 - hemiplegia
 - myoparesis

- ____ 40. Which condition is the protrusion of a muscle through its ruptured sheath?
- a. myocele
 - b. myorrhaphy
 - c. myorrhexis

Matching

Match each statement with the correct item below.

- a. Specializes in diagnosing and treating disorders of the feet
 - b. Specializes in diseases that are characterized by inflammation in the connective tissues
 - c. Specializes in disorders involving the bones, joints, and muscles
 - d. Specializes in manipulative treatment of disorders originating from misalignment of the spine
 - e. Specializes in treating health problems by manipulation and with traditional forms of medical treatment
- ____ 41. chiropractor
- ____ 42. orthopedic surgeon
- ____ 43. osteopathic physician
- ____ 44. podiatrist
- ____ 45. rheumatologist

Match each statement with the correct item below.

- a. Bends a joint
 - b. Moves away from the midline
 - c. Moves toward the midline
 - d. Straightens a joint
 - e. Turns the palm downward
- ____ 46. abduction
- ____ 47. adduction
- ____ 48. flexion
- ____ 49. extension
- ____ 50. pronation