

A&P: Muscular and Skeleton Worksheet

Fill in the blanks with appropriate words

- 1) _____ is the process of bone formation which occurs during embryonic development.
- 2) Bone-resorbing cells are also known as _____ while _____ are the building blocks of compact bone.
- 3) Spongy bones are also called _____.
- 4) The fibrous membrane which surrounds the compact bones is called _____.
- 5) Bone marrow is found in the _____ cavity of the bone that is lined with _____.
- 6) Apocrine glands are mainly found in _____ areas of the body.
- 7) _____ is a muscle that causes the joint to bend.
- 8) Extensor muscle causes the joint to _____.
- 9) _____ are the perfect examples of partly movable joints.
- 10) Hip and shoulder joints are the suitable examples of _____ joints.
- 11) _____ are the connective tissues which attach bone to bone while _____ attach bone with muscles.
- 12) Smallest contractile unit of skeleton muscle is called _____.
- 13) Z-line is found in the middle of _____ band.
- 14) Bundles of skeletal muscle fibers are known as _____.
- 15) _____ is a connective tissue that encases individual skeletal muscle fiber.
- 16) _____ and _____ muscles are examples of involuntary muscles.
- 17) Kneecap is also called _____ that is a perfect example of _____ type of bones.
- 18) Carpal and tarsal bones are good examples of _____ type of bones.
- 19) The total number of inner ear ossicles are _____ while in pectoral girdle are _____.
- 20) _____ is the largest organ of integumentary system.
- 21) _____ is the outermost layer of the skin that has _____ epithelium.
- 22) Oil-producing glands are known as _____ which secrete _____.
- 23) The white space between the nail bed and cuticle is called _____.
- 24) The main sources of UV radiations are _____ and _____.
- 25) The process of synthesis of blood cells is called _____.
- 26) Hipbone is made up of fusion of _____, _____, _____.
- 27) _____ ion plays an important role in the muscle contraction.
- 28) The outer layer of the nail is called _____.
- 29) _____ is called the cytoplasm of skeletal muscle fiber.
- 30) _____ are the bone cells which create extracellular matrix of bone.

KEY WORDS

Sarcoplasm, Skin, smooth muscles, Fasciculi, Medullary, Sunlight, Calcium, ileum, Sarcomere, Pubis, Hematopoiesis Four, Periosteum, Osteoclasts, armpits, sebum, tanning bed, osteocytes, Lunula, Stratified squamous, Straighten, ischium, sebaceous, groin, I Band, Cardiac, Endomysium, Endosteum, Cancellous, Flexor, Tendons, Synovial, Vertebral discs, Patella, Ligament, Six, Smooth, Short, Sesamoid, Plate, Epidermis