



Questions Bank

Anatomy

Q1 // Fill the following blank

- 1-An individual organs is made up of two types of tissue called the ----- and -----.
- 2-The urogenital system include the -----organs and ----- organs .
- 3-The esthesiology studying the organs include the sense organs and -----.
- 4-The term tuberosity , it's any tuber, larger rounded but --- ----- projection.
- 5-Splanchnic or (visceral) skeleton consist of bones in soft organs such as -----and-----.

Q2 // Answer the following questions by (T) or (F)

I-Concerning the thoracic limb

- 1-Consists of four chief segment.
- 2-These four segment, the shoulder, arm ,forearm and manus.
- 3-These four segment, shoulder, arm, femur and forearm.
- 4-The shoulder consist of scapula and caracoid only .

5- The shoulder consist of scapula, caracoid and clavical.

II- Concerning the manus

1- Consists of three subdivision.

2- The carpus consist of eight bones in all animals.

3- The proximal row consist 1st, 2nd, 3rd, and 4th carpal bones.

4- The 1st and 5th are well developed.

5- The 3rd metacarpus are reduce.

III- Concerning the skeleton

1- Applied to the frame work of soft structures.

2- The skeleton is divided into two parts.

3- The skeleton composed of the axial and appendicular only.

4- The splanhic skeleton found in all animals.

5- The bone divided according to their shape and function into compact and spongy bone.

IV- Concerning the pelvic limb

1- The pelvic limb consist of , pelvic girdle, thigh only

2- The leg comprises three bones.

3- The thigh articulate with acetabulum.

4- The pes consists of tarsus and metatarsus only.

5- The proximal row consists of two bones.

V- Concerning the vertebral column

- 1-The sacral vertebrae are ossified intervertebral disc are firmly fused forming single bone the sacrum in all domestic species.
- 2-The vertebral Column is composed of a series of paired bones.
- 3-Thoracic vertebrae composed of chain of thoracic vertebrae.
- 4-The first cervical vertebrae called Axis and the second cervical vertebrae called Atlas.
- 5-The first and second cervical vertebrae its highly modified .

Q3// Define the following terms ?

- 1- Sagittal plane
- 2- Median plane
- 3- Deep fascia
- 4- Anatomy
- 5- Topographic anatomy

Q4 // Drawing and label section of the typical vertebrae ?

Q5//Give the number of thoracic, lumber and coccygeal vertebrae in the following animal carnivores, horse and ox.

Q6 // Circle on the best correct answer

I- Concerning the thoracic limb

- a-Consist of three segments.
- b-Consist of two segments.
- c-Consist of five segments.
- d-Not of all.

II- Concerning the vertebral column

- a-The first cervical vertebrae called axis.
- b-The first cervical vertebrae called atlas.
- c-The first cervical vertebrae no modified.
- d-The all cervical vertebrae are highly modified.

III- Concerning the skeleton

- a-The splanchnic skeleton found in all animals.
- b-The bone divided according to their shape and function into compact and spongy bone.
- c-The skeleton is applied to the framework of the hard structures.
- d-The development of bones are two types endochondral and hard ossification.

Q7- Answer by (T) or (F) the following questions

- 1- The sagittal plane is any plane parallel to the median plane but located further lateral .
- 2- The skeleton is divided into three parts; Axial, Appendicular and splanchnic.

- 3- Red bone marrow present in young subjects, containing different stages of RBCs and WBCs.
- 4- The primitive embryonal skeleton of cartilage which next develop into the bones through endochondral ossification called osteogenesis.
- 5- The ulna is placed in front of the radius bone and supports the weight.
- 6- Bones of the thoracic Limb consist of four segments Pelvic girdle, Thigh, Leg and Pes.
- 7- The proximal row of tarsal bones consists of two bones, the tibia and fibular tarsal bone.
- 8- The body of sternum is cylindrical in carnivores wide and flat in ruminant.
- 9- The ribs consist of ;Head, Neck, Tubercle only.
- 10- The sternum composed of paired segmental series of bone which joined together by intersternal cartilage.
- 11- The sacral vertebrae are ossified intervertebral disc are firmly fused forming single bone the sacrum in all domestic species.
- 12- The vertebral Column is composed of a series of paired bones.
- 13- Thoracic vertebrae composed of chain of thoracic vertebrae.

14-The first cervical vertebrae called Axis and the second cervical vertebrae called Atlas.

Q8// Write about the blood vessels and nerves supply of the bone.

Q9// Discuss the types of bone according to the bone structure.

Q10// Discuss the sternum

Q11// Write about the ribs

Q12// Explain the sacral vertebrae

Q13/ Answer the following questions by (T) or (F)

1-The cranial term directed toward the tail of animal.

2-The organ systems included the skin, skeleton and joint only.

3-The transverse plane, it's any plane perpendicular to the long axis.

4-The systemic anatomy , its studying the development of organs in the body from fertilization until berth.

5-The ribs consist of ;Head, Neck and Tubercle only.

6-The vertebral Column is composed of a series of paired bones.

7-The sternum composed of paired segmental series of bone which joined together by intersternal cartilage.

8-The development of bones are two types endochondral and hard ossification.

9-The bone divided according to their shape and function into compact and spongy bone.

10-The skeleton applied to the frame work of soft structures.

Q14// A- Enumerate the types of marrow ?

B- Organic materials in bones ?

Q15// Write about the intramembranous ossification ?

Q16// Discuss the Pubis bone (Os Pubis) ?

Q17// A- Circle on the one of best correct answer

I- Concerning the thoracic limb

- a-Consist of three segments.
- b-Consist of two segments.
- c-Consist of five segments.
- d-Not of all.

II- Concerning the vertebral column

- a-The first cervical vertebrae called axis.
- b-The first cervical vertebrae called lumber.
- c-The first cervical vertebrae no modified.
- d-The all cervical vertebrae are highly modified.

III- Concerning the skeleton

- a-The splanchnic skeleton found in all animals.

- b-The bone divided according to their shape and function into compact and spongy bone.
- c-The skeleton is applied to the framework of the hard structures.
- d-The development of bones are two types endochondral and hard ossification.

IV- Concerning the vertebral column

- 1- The sacral vertebrae are ossified intervertebral disc are firmly fused forming single bone the sacrum in all domestic species.
- 2- The vertebral column is composed of a series of paired bones.
- 3- The atlas vertebrae constitute around the axis and thus the head rotates , its cylindrical body .
- 4- The first and second cervical vertebrae its no modified .

V- Concerning the pelvic limb

- 1- The pelvic limb consist of , pelvic girdle, thigh only
- 2- The leg comprises one bone.
- 3- The thigh articulate with ilium.
- 4- The proximal row of tarsal bones consists of two bones.

Q17// B- Answer by (T) or (F) the following questions

- 5- The sagittal plane is any plane parallel to the median plane but located further lateral .
- 6- The skeleton is divided into three parts; Axial, Appendicular and splanchnic.

- 7- Red bone marrow present in young subjects, containing different stages of RBCs and WBCs.
- 8- The primitive embryonal skeleton of cartilage which next develop into the bones through endochondral ossification called osteogenesis.
- 9- The ulna is placed in front of the radius bone and supports the weight.
- 10- Bones of the thoracic Limb consist of four segments Pelvic girdle, Thigh, Leg and Pes.
- 11- The proximal row of tarsal bones consists of two bones, the tibia and fibula tarsal bone.
- 12- The endocrine glands contain large duct.
- 13- The pituitary gland divided into two lobes.
- 14- The costo-chondral articulation formed by the bone of sternum and cartilage.

Q18// Essay - Answer the questions

- 1- Discuss the Synarthrosis.
- 2- Write about the stifle joint.
- 3- Classify the chief division of joints.

