

Musculoskeletal System

Archive



Final Exam
"Shagaf"

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1. Which of the following passes deep to the two heads of the lateral pterygoid muscle and then descends inferior to it?

- A. Buccal nerve
- B. Lingual nerve
- C. Inferior alveolar nerve
- D. Auriculotemporal nerve
- E. 3rd part of Maxillary artery.

Answer: B. Lingual nerve

2. Which of the following is correct about atlas?

- A. Articulate only with axis
- B. has no foramen in transvers process
- C. has long anterior arch & short posterior arch
- D. has spine
- E. give attachment to inferior oblique muscle

Answer: E. give attachment to inferior oblique muscle

3. Testicular artery arise from abdominal aorta at which level?

- A. 12th Thoracic
- B. 2nd Lumbar
- C. 3rd Lumbar
- D. 2nd Sacral

Answer: B. 2nd Lumbar

4. Which of the following matches is incorrect ?

- A. Middle Meningeal Artery >> Foramen Spinosum
- B. Maxillary Division of Trigeminal N >> Foramen Rotundum
- C. Facial N & Vestibulocochlear N >> Internal Acoustic
- D. Mandibular Division of the Trigeminal N >> Foramen lacerum
- E. Medulla oblongata >> Foramen magnum

Answer: D. Mandibular Division of the Trigeminal N >> Foramen lacerum

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5. Dartos muscle is a continuation of which of the following in scrotum ?

- A. Camper's fascia.
- B. Scarpa's fascia.
- C. Internal oblique aponeurosis.
- D. External oblique aponeurosis.
- E. Transversalis Fascia.

Answer: A. Camper's fascia.

6. Which of the following is correct?

- A. Oesophagus opening surroundin by Rt crus of diaphragm
- B. Oesophagus opening at level of T10 to Rt of median plane.

Answer: A. Oesophagus opening surroundin by Rt crus of diaphragm

7. All of the following are Suprahyoid muscles group except?

- A. Digastric muscle.
- B. Stylohyoid muscles.
- C. Thyrohyoid muscles.
- D. Mylohyoid muscles.
- E. Geniohyoid muscles.

Answer: C. Thyrohyoid muscles.

8. Suprascapular artery arise from ?

- A. Transverse cervical artery.
- B. Vertebral artery.
- C. Subclavian artery.
- D. Thyocervical trunk

Answer: D. Thyocervical trunk

9. Which of the following pathogens is the main cause of chickenpox :

- A. Herpes Simplex Virus.
- B. Varicella Zoster Virus.
- C. Measles Virus.
- D. Rubella Virus.

Answer: B. Varicella zoster virus

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10. Which of the following drugs needs dose adjustment in case of Allopurinol consumption:

- A. Theophylline
- B. Sulfapyridine

Answer: A. Theophylline.

11. Which of the following drugs can't be used orally for the treatment of acne ?

- A. Tretinoin
- B. Isotretinoin
- C. Oral contraceptives
- D. Spironolactone
- E. Doxycycline

Answer: A. Tretinoin

12. Which of the following is true about heat stroke?

- A. Thermoregulatory center isn't depressed
- B. There is an excessive sweating , but sweat doesn't evaporate.
- C. There's a change in the setpoint of thermoregulatory center
- D. It occurs in hot and dry climate

Answer: B. There is an excessive sweating , but sweat doesn't evaporate

13. All of the following considered key regulators of calcium blood level except :

- A. PTH.
- B. Calcitonin.
- C. Vit D.
- D. Bone sialoproteins.
- E. Some glycosamines.

Answer: E. Some glycosamines.

14. All of the following muscles are supplied by first cervical nerve except:

- A. Inferior oblique.
- B. Superior oblique.
- C. Rectus capitis anterior.
- D. Scalenus Anterior.
- E. Scalenus Medius.

Answer: D. Scalenus Anterior.

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15. Which of the following pathological conditions of skin characterized by Wickham's striae:

- A. Lichen simplex chronicus.
- B. Atopic dermatitis.
- C. Lichen planus.
- D. Urticaria.
- E. Eczema

Answer: C. Lichen planus.

16. Which of the following could describe Scalenus Medius more accurately:

- A. Attached to scalene tubercle.
- B. Attached to upper surface of 1st rib.
- C. supplied by dorsal rami of all cervical nerves.
- D. Extends head.
- E. Help in expiration.

Answer: B. Attached to upper surface of 1st rib.

17. Which of the following cells is responsible for appositional growth of cartilage:

- A. Chondroblasts.
- B. Osteocytes.
- C. Chondrogenic cells.
- D. Fibroblasts.
- E. Osteoclast.

Answer: A. Chondroblasts

18. Which of the following is considered bacteria that causes granulomatous infection:

- A. Eumycetoma.
- B. Actinomycetoma.
- C. Taenia versicolor
- D. Candida.

Answer: B. Actinomycetoma

19. Which of the following about paracetamol is false

- A. Overdose can cause tubular necrosis.
- B. It can be used for the treatment of arthritis.
- C. It can replace aspirin in peptic ulcer patients.
- D. It is a weak inhibitor of cyclooxygenases.

Answer: B. It can be used for the treatment of arthritis.

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20. Mutation in Retinoblastoma gene will cause which of the following tumors of bone ?

- A. Osteosarcoma.
- B. Chondrosarcoma.
- C. Ewing sarcoma.
- E. Giant cell tumor.

Answer: A. Osteosarcoma.

21. Which of the following muscular pathologic diseases can cause hypertrophy of muscles:

- A. Myasthenia Gravis.
- B. Becker muscular dystrophy.
- C. Polysitis.
- D. Dermatomyositis.
- E. Civatte bodies.

Answer: B. Becker muscular dystrophy.

22. During Diaphragm embryologic development all of the following will contribute to this development except :

- A. Vertebral Body.
- B. Cervical sclerotomes of C3 C4 C5.
- C. oesophageal mesoderm.
- D. Septum transversum.
- E. Dorsal Aorta.

Answer: B. Cervical sclerotomes of C3 C4 C5.

23. Which of the following is site of origin of testicular artery ?

- A. First Lumbar vertebra.
- B. Second Lumbar vertebra.
- C. Third Lumbar vertebra.
- D. Fourth Lumbar vertebra.
- E. Fifth Lumbar vertebra.

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Answer: B. Second Lumbar vertebra.

24. Pott's disease can be described as ?

- A. Skeleton Tuberculosis.
- B. Sclerotic phase of pagets.
- C. Lytic phase of pagets.
- D. Pyogenic osteomyelitis.
- E. Bone tumor.

Answer: A. Skeleton Tuberculosis.

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25. All of the following structure form pterion except :

- A. Frontal bone.
- B. Temporal bone.
- C. Occipital bone.
- D. Parietal bone.
- E. Sphenoid.

Answer: C. Occipital bone.

26. In skeletal muscle the calcium bind to?

- A. Troponin C.
- B. A. Troponin T
- C.A. Troponin I
- D. Calmudulin.

Answer: A. Troponin C

27. A definitive diagnosis of necrotizing fasciitis is made by:

- A. X ray.
- B. MRI.
- C. Surgical exploration.

Answer: C. Surgical exploration.

28. Which of the following is the main treatment of necrotizing fasciitis

- A. Antibiotics.
- B. Surgical debdriement.

Answer: B. Surgical debdriement.

29. Deep fibromatosis (desmoid tumors) percentage of b catenin mutation

- A. 50%.
- B. 90%.
- C. 10%.
- D. 5%.

Answer: B. 90%.

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30. Selective Co-stimulation Modulators act by binding to receptor , thereby blocking interaction with ?

- A. CD28
- B. CD85
- C. CD87
- D. CD10

Answer: A. CD28

31. Which of the following drugs is contraindicated in asthmatic patient ?

- A. Curare.
- B. Rocuronium.
- C. Mivacurium.
- D. Pancurium.

Answer: A. Curare

32. Which of the following drugs is used in Spinal causes of spasticity ?

- A. Tizanidine.
- B. Rocuronium.
- C. Pancurium.
- D. Curare.

Answer: A. Tizanidine

33. Which of the following is true about treatment skin infection drugs :

- A. Macrolides (erythromycin and azithromycin) aren't effective in treatment of ecthyma.
- B. Clotrimazole can't be used for treatment of vulva candida.
- C. Topical Terbinafine contact with mucous membrane should be avoided.

Answer: C. Topical Terbinafine contact with mucous membrane should be avoided.

34. Which of the following is the main organic compartment of Bone ?

- A. Collagen type 'I'.
- B. Collagen type 'II'.
- C. Hydroxyapatite.
- D. Phosphate .

Answer: A. Collagen type 'I'.

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35. Which of the following features can distinguish woven bone from mature bone ?

- A. No organized lamellated appearance.
- B. The matrix of mature bone has more ground substance
- C. The mineral content is lower in mature bone

Answer: A. No organized lamellated appearance.

36. Which of the following isn't correct about embryologic development of limbs ?

- A. It occurs at 4th week.
- B. Upper limb rotates laterally.
- C. Talipes Equinus is permanent plantar extension.
- D. Lower limb rotates medially.

Answer: C. Talipes Equinus is permanent plantar extension.

37. Which of the following structures is deep to lateral pterygoid muscle then passes inferiorly ?

- A. Chorda Tympani
- B. Lingual nerve.
- C. Otic ganglion.

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Answer: B. Lingual nerve.

38. Which of the following is most accurate statement about face ?

- A. Forehead is the most dangerous area.
- B. Facial artery crosses mandible and buccinator muscle.
- C. Skin contains few sweat and sebaceous glands.

Answer: B. Facial artery crosses mandible and buccinator muscle.

39. All of the following is true about anterior triangle of neck except:

- A. Bounded posteriorly by the superior belly of omohyoid muscle.
- B. Bounded superiorly by the inferior border of the mandible.

Answer: A. Bounded posteriorly by the superior belly of omohyoid muscle.

40. Which of the following is a branch of femoral artery in the anterior abdominal wall ?

- A. Superficial epigastric.
- B. Deep epigastric.
- C. Deep Circumflex iliac artery.

Answer: C. Deep Circumflex iliac artery.

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41. Sebaceous gland is?

- A. Holocrine.
- B. Apocrine.
- C. Merocrine.

Answer: A. Holocrine.

42. Hyaline Cartilage Found in ?

- A. Costal Cartilage
- B. Intervertebral Disks
- C. Symphysis pubis
- D. External ear
- E. Larynx

Answer: A. Costal Cartilage.

43. Carbuncle is?

- A. Clusters of furuncles.
- B. Clusters of folliculitis.
- C. Deep folliculitis.
- D. Affects only one hair follicle

Answer: A. Clusters of furuncles.