

Athar

MSS

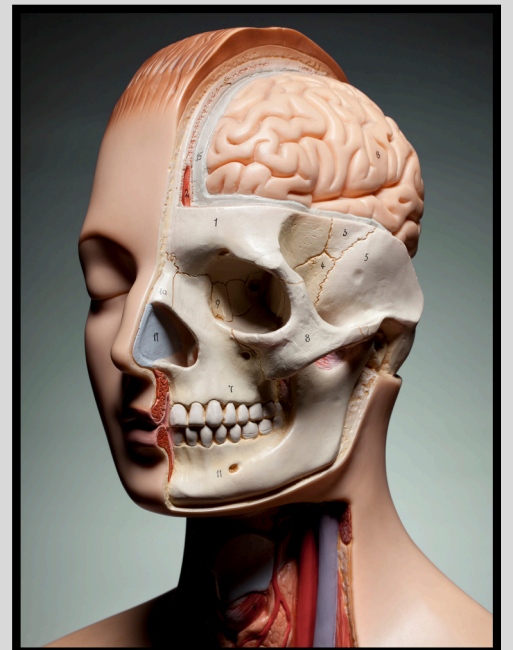
Final

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1. The virus that lead to inhibit the activity of proteins encoded p53 gene is :

- A- HPV.
- B. B19.
- C- HSV.
- D- Small box.
- E- VZV.

Answer: A

2. Which of the following nerves supplied the angle of the mandible :

- A- Lesser occipital nerve.
- B- Transverse cutaneous nerve.
- C- Great auricular nerve.
- D- Suprascapular nerve.
- E- Accessory nerve.

Answer: C

3. The mandibular nerve pass through which foramen of the skull :

- A- Foramen spinosum.
- B- Foramen ovale.
- C- Stylomastoid foramen.
- D- Foramen lacerum.
- E- Jugular foramen.

Answer: B

4. One of the following is a keratolytic agent :

- A- Hydrocortisone.
- B- Lotions.
- C- Flucinonide.
- D- Urea.

Answer: D



5. Which of the following is selective COX-2 inhibitor :

- A- Meloxicam.
- B- Diclofenac.
- C- Naproxen.
- D- Sulindac.
- E- Etoricoxib.

Answer: E

6. Uricosuric agent :

- A- Sulfinpyrazone.
- B- Allopurinol.
- C- Colchicine.
- D- Indomethacin.

Answer: A

7. All of the following are treatment for hyperhidrosis except :

- A- Topical steroids.
- B- Iontophoresis.
- C- Systemic agents.
- D- Botulinum toxin.
- E- Parasympathoectomy.

Answer: E

8. We must take special care from the sun when UV-index is :

- A- 7-8.
- B- 2-3.
- C- 5-6.
- D- 4-5.
- E- 3-4.

Answer: C



9. The dangerous layer of the scalp is :

- A. Skin.
- B- Loose areolar tissue.
- C- Connective tissue.
- D- Aponeurosis.
- E- Pericranium.

Answer: B

10. Which one of the following measures considered as a primary prevention for musculoskeletal injury :

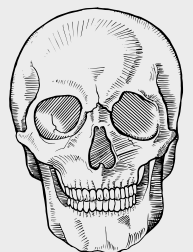
- A. Motorcycle helmets.
- B- Life vests.
- C- Seatbelts.
- D- Bullet proof vests.
- E- Trigger locks on guns.

Answer: E

11. The leading cause of difference in stain between territorial & interterritorial matrix is:

- A- The extracellular matrix richer in GAGs.
- B- Collagen type II doesn't form bundles.
- C- Proteoglycan complexes bind to the surface of type II collagen fibrils.
- D- The refractive index of collagen fibrils and ground substance is the same.

Answer: A



12. Multinucleated giant cells originated from fusion of monocytes :

- A- Osteoblast.**
- B- Osteoprogenitor.**
- C- Osteoclast.**
- D- Chondrocyte.**
- E- Chondroblast.**

Answer: C

13. one of the following statement is wrong regarding muscles of mastication :

- A- Upper lateral muscle inserted into articular disc of temporomandibular joint.**
- B- Lower lateral muscle inserted into pterygoid fovea.**
- C- Superficial medial muscle originated from maxillary tuberosity.**
- D- Deep medial muscle originated from medial surface of medial pterygoid.**
- E- Deep medial muscle originated from medial surface of lateral pterygoid.**

Answer: D

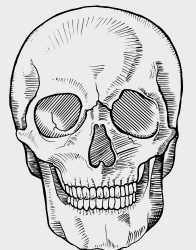
14. Which zone of regions of osteoclast contains lysosomes :

- A- Vesicular zone.**
- B- Clear zone.**
- C- Basal zone.**
- D- Sealing zone.**

Answer:A

15. Which layer of the epidermis called prickle cell layer :

- A- Basale.**
- B- Spinosum.**
- C- Granulosum.**
- D- Lucidum.**
- E- Corneum.**



Answer: B

16. Which structure of the skull related to middle meningeal artery :

- A- Asterion.
- B- Infratemporal fossa.
- C- Suprameatal triangle.
- D- Pterion.
- E- Pterygomandibular fossa.

Answer: D

17. One of the following nerve doesn't supply the upper eyelid :

- A- Supratrochlear.
- B- Supraorbital.
- C- Infratrochlear.
- D- Infraorbital.
- E- Palpebral branch of lacrimal.

Answer: D

18. Which of the neck can turn the face to the same side :

- A. Rectus capitis posterior major.
- B- Rectus capitis anterior.
- C- Rectus capitis posterior minor.
- D- Rectus capitis lateralis.
- E- Superior oblique.

Answer: A

19. All of the following are deep relations of lateral pterygoid muscle except :

- A- Lingual nerve.
- B- Auriculotemporal nerve.
- C- Middle meningeal artery.
- D- Chorda tympani.
- E- Posterior auricular nerve.

Answer: E



20. Which of these decrease smooth muscle membrane potential :

- A- Norepinephrine.
- B- Cold.
- C- Stretch.
- D- Acetylcholine.
- E- Parasympathetic.

Answer: A

21. Most common bone tumor in children present in :

- A- Epiphysis.
- B- Vertebrae.
- C- Metaphysis of long bone.
- D- Diaphysis.
- E- Skull.

Answer: C

22. Macule, papule, vesicle and crust. In which virus this skin lesions will occur :

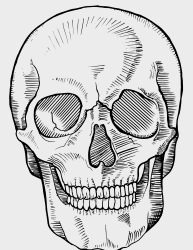
- A- B19.
- B- Rubella.
- C- Smallpox.
- D- VZV.
- E- Rubella.

Answer: C

23. The sole of the foot inclined inward, this anomaly called :

- A- Talipes Valgus.
- B- Talipes calcaneus.
- C- Talipes varus.
- D- Talipes equinus.
- E- Hallux valgus.

Answer: C



24. Alveolar rhabdomyosarcoma is type of malignant mesenchymal tumour and it is come from mutation by fusion between two genes, these genes are :

- A- MYH9-USP6.**
- B- SS18-SSX.**
- C- EWSR1-FL1.**
- D- MDM2-CDK4.**
- E- FOXO1-PAX3.**

Answer: E

25. Potts disease is :

- A- Skeletal tuberculosis.**
- B- Sclerotic phase of pagets.**
- C- Lytic phase of pagets.**
- D- Pyogenic osteomyelitis.**

Answer: A

26. Baby with no philtrum in :

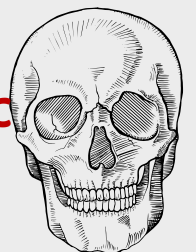
- A- Median harelip.**
- B- Medial harelip.**
- C- Unilateral harelip.**
- D- Bilateral harelip.**

Answer: A

27. All of the following are true about inflammatory myopathy except :

- A- Treated successfully with corticosteroids.**
- B- Autoimmune disorder.**
- C- Endomysial inflammatory infiltrate contain CD4+.**
- D- Increased expression of MHC I.**

Answer: C



28. One of the following is not found in Klippel Feil syndrome :

- A- Fusion of two lumbar vertebrae.
- B- Short neck.
- C- Facial asymmetry.
- D- Low hairline.
- E- Limited neck mobility.

Answer: A

29. One of the following direct control on calcitonin release :

- A- Hypocalcemia.
- B- Hypophosphatemia.
- C- Hypercalcemia.
- D- Hyperphosphatemia.

Answer: C

30. Melanin is in all of the following except :

- A- Hair.
- B- Nail.
- C- Skin.
- D- Brain stem.
- E- Spinal cord.

Answer: E

31. Which statement is true regarding buccinator muscle :

- A- It's nerve supply from temporal and zygomatic nerves.
- B- It's upper fibers originate from the alveolar process of maxilla opposite canine teeth.
- C- Supplied by buccal branch of mandibular nerve.
- D- Blowing.
- E- It's lower fibers originate from the alveolar process of mandible opposite pre molar teeth.

Answer: D



32. Styloid process give attachment for all of the following except :

- A- Stylomandibular ligament.**
- B- Stylohyoid muscle.**
- C- Styloglossus muscle.**
- D- Stylohyoid ligament.**
- E- Stylolaryngeus muscle.**

Answer: E

33. Lymphatic drainage in carotid triangle supplied by :

- A- Submandibular lymph nodes.**
- B- Submental lymph nodes.**
- C- Deep cervical lymph nodes.**
- D- Prelaryngeal lymph nodes.**
- E- Pretracheal lymph nodes.**

Answer: C

34. A patient complaining from right knee pain, and then experiencing additive ankle pain. What is the possible diagnosis :

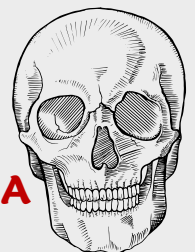
- A- SLE.**
- B- Rheumatoid arthritis.**
- C- septic arthritis.**
- D- Reactive arthritis.**

Answer: D

35. Kind of bacteria that secrete toxins of scalded skin syndrome :

- A- Staphylococcus aureus.**
- B- Streptococcus pyogens.**
- C- Staphylococcus epidermedis.**
- D- Streptococcus pneumonia.**
- E- Propionibacterium acne.**

Answer: A



36. One of the following is true regarding tinea capitis :

- A- The most common kind of athlete's foot.
- B- Ring like rash with a raised hand.
- C- Leaving a scar and alopecia after healing.
- D- Mostly in obese and diabetics.
- E- Introduced into subcutaneous tissue through trauma.

Answer: C

37. Leading cause of chiclero ulcer is :

- A- L.tropica.
- B- L.Major.
- C- Laethiopia.
- D- L.mexicana.
- E- L.brazillensis.

Answer: D

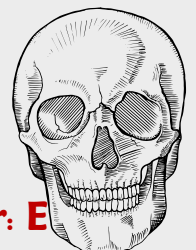
38. One of the following is incorrect about trichenillois :

- A- Man is intermediate host.
- B- Adult is infective stage.
- C- Adult live in small intestine.
- D- Larvae is diagnostic stage.
- E- Treated by mebendazole.

Answer: B

39. One of the following structure is not lateral relation of psoas major :

- A- Iliacus muscle.
- B- Ilioinguinal nerve.
- C- Femoral nerve.
- D- Iliohypogastric nerve.
- E- Genitofemoral nerve.



Answer: E

40. One of the following is wrong about infrahyoid muscles :

- A- The four infrahyoid muscles are : sternohyoid, sternothyroid, Odontoid and thyrohyoid.
- B- All muscles supplied by ansa cervicalis except thyrohyoid only by C1.
- C- Sternohyoid muscle depresses the hyoid bone.
- D- All muscles are innervated by vagus nerve.
- E- Sternohyoid muscle attached to the back of medial part of the clavicle.

Answer : D

41. In patient with Steven Johnson syndrome, all of the following consistent with the diagnosis in this patient are true except :

- A- Caused by mycoplasma.
- B- Recent drug exposure.
- C- Detachment to epidermis (more than 30 percent of skin affected).
- D- Discrete confluent zone of basal epidermal necrosis and blister.
- E- Involve mucosa layer.

Answer: C

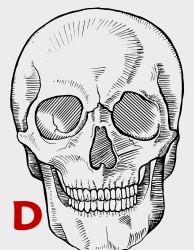
42. Which one of the following makes 7th vertebrae not typical :

- A- It has long non bifid spine.
- B- It has no body.
- C- It has odontoid process.
- D- It has facet.
- E- It has short bifid spine.

Answer: A

43. When you rotate your head to the left side, which muscle is used :

- A- Trapezius.
- B- Levator scapulae.
- C- Infrahyoid.
- D- Right sternocleidomastoid.
- E- Left sternocleidomastoid.



Answer: D

44. Which statement is wrong regarding heat stroke :

- A- Occurs in hot humid atmosphere.
- B- It's most severe form of heat exhaustion.
- C- All heat loss mechanism work.
- D- Intravenous fluid intake is treatment.
- E Depression of thermoregulatory centre occur.

Answer: C

45. A 32 year old woman discoveres she is pregnant and eagerly awaits her first ultrasound at 8 weeks gestation. During the ultrasound, the doctor notices an abnormality: the embryo appears small than expected and further examination reveals a loss of somite cells, Which muscle of the following you expect to affect :

- A- Latissimus dorsi.
- B- Rhomboid major.
- C- Trapezius.
- D- Levator scapulae.
- E- Longissimus capitis.

Answer: E

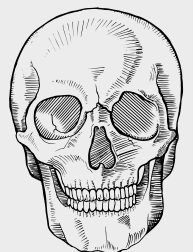
46. Can not be considered as a risk factor for rickets :

- A- Inflammation.
- B- Prematurity.
- C- Neoplasm.
- D- Congenital.
- E- Nutrient.

Answer: C

47. What is the best describe of muscle contraction :

Answer: Strength of contraction depends on the initial length of muscle fiber.



48. One of the following is true about succinylcholine :

- A- Causes arrhythmia and hyperkalemia.
- B- Neostigmine is used to reverse its toxicity.
- C- Atropine is used in malignant hyperthermia.
- D- Has long duration of action.
- E- Affect the impulse transmission from motor nerves.

Answer: A

49. All of the following statements are true about skeletal muscle relaxants except :

- A- Succinylcholine is a selective inhibitor of rocuronium.
- B- Botulinum toxin is used as an adjuvant to general anaesthesia.
- C- Depolarizing neuromuscular agents are used for endoscopy.
- D- Diazepam is a CNS depressant while dantrolene is hepatotoxic.
- E- Mivacurium is a short acting competitive neuromuscular blocker.

Answer: B

50. Which structure is an elastic fiber :

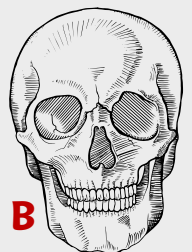
- A- Posterior longitudinal ligament.
- B- Supraspinous ligament.
- C- Intertransverse ligament.
- D- Ligamentum flavum.
- E- Anterior longitudinal ligament.

Answer: E

51. A patient with an injury in his face, he lost sensation of skin above the angle of the mandible. The injured nerve is :

- A- Auriculotemporal nerve.
- B- Great auricular nerve.
- C- Marginal mandibular nerve.
- D- Supraclavicular nerve.
- E- Accessory nerve.

Answer: B



52. All of the following contribute in the formation of rectus sheath except :

- A- External oblique aponeurosis.
- B- Internal oblique aponeurosis.
- C- Fascia transversalis.
- D- Inguinal ligament.
- E- 5,6,7 costal cartilage.

Answer: D

53. One of the following is wrong about Brown fat :

- A- It is as electrical blanket.
- B- Important for acclimatization to cold.
- C- It is found in infants but not in adult.
- D- Richly supplied by sympathetic nerve fibers.
- E- Way of heat loss.

Answer: E

54. Regarding insensible respiration, the correct statement is :

- A- Not important in painting animals.
- B- Mechanism of heat gain.
- C- Non evaporative mechanism.
- D- At rest, about 15-25 ml of water are evaporated per hour.
- E- Vaporization of 1 ml of water causes loss of 0.6 C.

Answer: E

55. Acidosis calcium absorption, while alkalinity calcium absorption, but level of calcium is unchanged.

- A- decrease , increase , bound
- B- increase , decrease , bound
- C- increase , increase , complex
- D- decrease , increase , complex
- E- increase , decrease , complex

Answer: A



56. When athletes do warm up, which kind of muscle do they use :

- A- Isometric.
- B- Tetanus.
- C- Isotonic.
- D- Clonus.

Answer: C

57. Which statement is wrong about tacrolimus :

- A- It's a calcineurin inhibitors that inhibit T cells proliferation.
- B- No skin atrophy.
- C- EDA is concerned about long term use because it lead to skin cancer.
- D- Dermatologists are concerned of it.

Answer: D

58. Which one of the following disease characterised by high level of histamine :

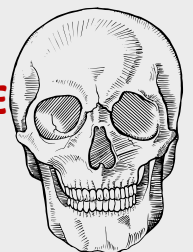
- A- Erythema multiforme.
- B- Psoriasis.
- C- Lichen planus.
- D- Urticaria.
- E- Pemphigus vulgaris.

Answer: D

59. All of the following are increased risk of fracture except :

- A- Diabetes.
- B- Obesity.
- C- Radiotherapy.
- D- Infection.
- E- Smoking.

Answer: E



60. There are two types of sweat gland, the true statement about it is

:

A- Merocrine has adrenergic innervation while apocrine has cholinergic innervation.

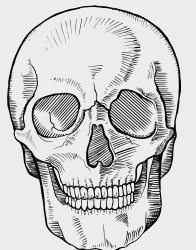
B- Apocrine ducts open in skin surface.

C- Both have two types of secretory cells.

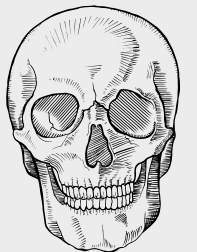
D- Apocrine is truly merocrine in mechanism of secretion.

E- Merocrine secretion is viscous and odorless.

Answer: D



المطب والجراحة
لجنينة



الطب والجراحة
لجنة

