

Athar

MSS

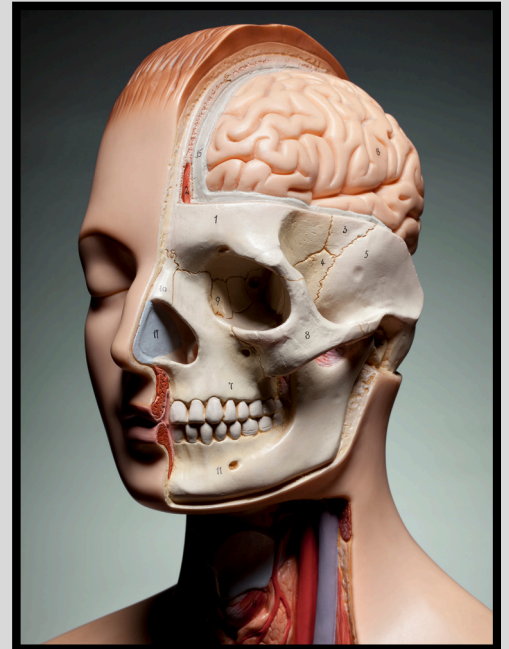
Mid

Done By:

Mohammad Al faqeeh

Designed By :

Raneem Dmour



1. Which nerve cross over sternomastiod :

- A- Great auricular nerve.
- B- Lesser occipital nerve.
- C- Transverse cervical nerve.
- D- Accessory nerve.
- E- Phrenic nerve.

Answer: C

2. Middle meningeal artery pass through :

- A- Foramen spinosum.
- B- Foramen lacerum.
- C- Foramen ovale.
- D- Carotid canal.
- E- Hypoglossal canal.

Answer: A

3. Ullrich congenital muscular dystrophy gene mutation :

- A- COL6A4
- B- COL6A1
- C- COL4A1
- D- COL4A3
- E- COL2A1

Answer: B

4. One of the following is not true regards elastin and collagen :

- A- Both are major components of skin tissue.
- B- Both contain hydroxyapatite.
- C- Both can be crosslinked covalently.
- D- Both are glycosylated.
- E- Both are rich in glycine and proline.

Answer: D



5. Enthesitis is :

- A- Inflammation in tendon.
- B- Inflammation in joint.
- C- Inflammation in eye.
- D- Inflammation in muscle.
- E- Inflammation in skin.

Answer: A

6. All of the following is treatment for RA except :

- A- Methotrexate.
- B- Cyclosporine.
- C- Paracetamol.
- D- Colchicine.
- E- Hydroxychloroquine.

Answer: D

7. A patient underwent an organ transplantation, and after operation he began taking azathioprine to prevent organ rejection. Shortly after, he was diagnosed with gout. Which of these gout medications is forbidden for him to take :

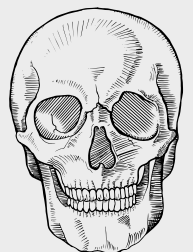
- A- Allopurinol.
- B- Probenecid.
- C- Colchicine.
- D- Pegloticase.
- E- Corticosteroids.

Answer: A

8. Which type of collagen the pericardium consists of :

- A- Type I.
- B- Type II.
- C- Type III.
- D- Type IIII.

Answer: A



9. Which bacteria of the following is coagulase negative and has sexual activity :

- A- Staphylococcus epidermidis.
- B- Staphylococcus saprophyticus.
- C- Staphylococcus aureus.
- D- Streptococcus pyogens.
- E- Propionibacterium acne.

Answer: B

10. All of the following is an insertion of temporalis muscle except :

- A- Tip of coronoid process.
- B- Anterior border of coronoid process.
- C- Posterior border of coronoid process.
- D- Inner surface of coronoid process.
- E- Outer surface of coronoid process.

Answer: E

11. In which layer of muscle of the back is the spinalis muscle :

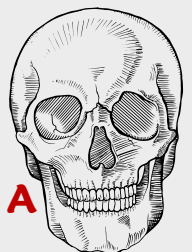
- A- Superficial extrinsic.
- B- Superficial intrinsic.
- C- Intermediate extrinsic.
- D- Intermediate intrinsic.
- E- Deep intrinsic.

Answer: D

12. One of the following structure is deeper than platysma :

- A- External jugular vein.
- B- Anterior jugular vein.
- C- Internal carotid artery.
- D- Internal jugular vein.
- E- External carotid artery.

Answer: A



13. The thickest cutaneous nerve in the body is :

- A- Great auricular nerve.
- B- Lesser occipital nerve.
- C- Great occipital nerve.
- D- Posterior auricular nerve.
- E- Third occipital nerve.

Answer: C

14. Which structure from the following related anteriorly to transverse sinus :

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

Answer: D

15. One of the following is a therapeutic use of topical steroids :

- A- Impetigo.
- B- Ulcers.
- C- Dermatophytes.
- D- Discoid lupus erythematosus.
- E- Herpes simplex

Answer: D

16. Thyrohyoid muscle supplied by which cranial nerve :

- A- C1.
- B- C2.
- C- C3.
- D- C4.
- E- C5.

Answer: A



17. All of the following are drugs induce pigmentation except :

- A- Hydroxychloroquine.
- B- Ampicillin.
- C- Bleomycin.
- D- Amiodarone.
- E- Doxycycline.

Answer: B

18. Which topical steroids from the following safe for face and skin folds :

- A- Hydrocortisone.
- B- Flucinonide.
- C- Diprolene.
- D- Colbetasol propionate.
- E- Amcinonide.

Answer: A

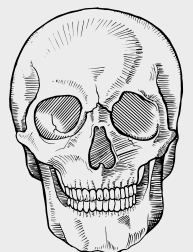
19. Which of the following adverse effects is associated with isotretinoin :

- A- Hypotension.
- B- Increased appetite.
- C- Bradycardia.
- D- Fatal anomaly.
- E- Renal effects.

Answer: D

20. What is correct about nodding and turning the head from side to side :

Answer : Atlas rotates around the dens.



21. A 5-year old girl, is brought to the paediatrician by her parents due to recurrent skin rashes. She has a history of atopic dermatitis since infancy, characterised by dry, itch patches on her skin. From the following, what is also finding in the girl with atopic dermatitis :

- A- Erythema multiforme.
- B- Asthma.
- C- Psoriasis.
- D- Urticaria.

Answer: B

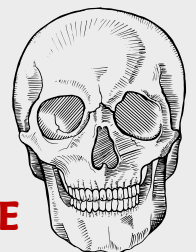
22. If the hernia pass lateral to inferior epigastric artery, reach scrotum and effect on young patient, it will be :

- A- Direct inguinal hernia.
- B- Epigastric hernia.
- C- Oblique inguinal hernia.
- D- Femoral hernia.
- E- Umbilical hernia.

Answer: C

23. One of the following is incorrect according to ligaments of temporomandibular joint :

- A- Stylomandibular ligament separates parotid gland from submandibular gland.
- B- Temporomandibular ligament originated from root of zygomatic arch.
- C- Pterygomandibular ligament inserted into posterior end of mylohyoid line.
- D- Stylomandibular ligament originated from styloid process of angle of the mandible.
- E- Sphenomandibular ligament gives origin to buccinator and superior constrictor muscle of the pharynx.



Answer: E

24. All of the following is true about facial artery except :

- A- Enter the face by hooking around lower border of the mandible.
- B- Ends as superior labial artery.
- C- Has inferior labial branch.
- D- Supply the side of the nose.
- E- Runs a tortuous course crossing the mandible.

Answer: B

25. We can identify axis by :

- A- Facet on the side of the body.
- B- No body.
- C- Odontoid process.
- D- No foramen transversarium.

Answer: C

26. One of the following drug of rheumatoid arthritis has not associated with T.B :

- A- Rituximab.
- B- Abatacept.
- C- Infliximab.
- D- Anakinra.
- E- Sarilumab.

Answer: A

27. All of the following structure form pterion except :

- A- Frontal bone.
- B- Squamous part of temporal bone.
- C- Greater wing of sphenoid.
- D- Parietal bone.
- E- Lesser wing of sphenoid.



Answer: E

28. One of the following is incorrect regarding aortic opening :

- A- Opposite T10.
- B- Part of major opening of the diaphragm.
- C- It's site is in medial plane.
- D- Azygos vein pass through it.
- E- Thoracic duct pass from it.

Answer: A

29. If the skull is elongated anterioposterior, it is called :

- A- Acrocephaly.
- B- Scaphocephaly.
- C- Anencephaly.
- D- Meningocele.
- E- Plagiocephaly.

Answer: B

30. Baby born with absence of philtrum because incomplete fusion of :

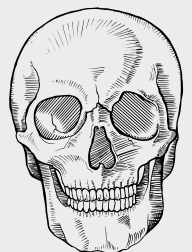
- A- Median nasal processes.
- B- Maxillary process and median nasal process.
- C- Maxillary processes.
- D- Maxillary process and mandibular process.
- E- Mandibular processes.

Answer: A

31. All of the following is related to increase in AFP except :

- A- Meningocele.
- B- Myelocele.
- C- Spinal bifida occulta.
- D- Omphacele.
- E- Meningomyelocele.

Answer: C



32. Rectus abdominus muscle of anterior abdominal wall inserted into

:

- A- 5,6,7 costal cartilage and xiphoid process.**
- B- Lower part of linea alba.**
- C- Anterior half of outer lip of iliac crest.**
- D- Lower 6 ribs.**
- E- Lumbar fascia.**

Answer: A

33. Which muscle from the following responsible of lateral flexion of the head:

- A- Rectus capitis anterior.**
- B- Rectus capitis posterior minor.**
- C- Rectus capitis lateralis.**
- D- Rectus capitis posterior major.**
- E- Longus coli.**

Answer: D

34. One of the following is true regarding furuncle :

- A- Contains only one draining point.**
- B- Can progress to septicemia.**
- C- Candida albicans may lead to it in immunocompromised patients.**
- D- called red gem.**
- E- Self limiting.**

Answer: A

35. All of the following is correct regarding baricitinib except :

- A- Tyrosine receptor inhibitors.**
- B- It is not a true biologic drug.**
- C- Marketed as a biologic drug.**
- D- Inhibit monophosphate dehydrogenase.**
- E- All type of baricitinib increased risk of venous thrombotic events.**



Answer: D

36. A 55 year old man with history of coronary artery disease present to the emergency department with chest pain. He has a known history of hypertension and diabetes mellitus.

An ECG shows ST-segment elevation and a diagnosis of MI is made. Which of the following medications should be administered immediately to help reduce mortality by preventing thrombus formation :

- A- Ibuprofen.
- B- Naproxen.
- C- Acetaminophen.
- D- Aspirin.
- E- Diclofenac.

Answer: D

37. Which of these covers the active site of action :

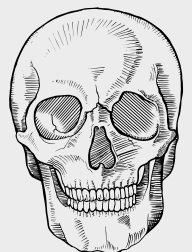
- A- Troponin C.
- B- Troponin I.
- C- Tropomyosin.
- D- Troponin T.
- E- Calmodulin.

Answer: C

38. One of the following is the function of troponin C :

- A- Binding with calcium ions for contraction.
- B- Inhibit binding of actin and myosin.
- C- Binds troponin to tropomyosin to close active sites.

Answer: A



39. One of these methods is used in heat production :

- A- Conduction.
- B- Insensible sweating.
- C- Brown fat.
- D- Radiation.
- E- Convection.

Answer: C

40. Which method of these lead to increase body temperature :

- A- Eat more protein.
- B- Using fans to make air currents.
- C- Sweat evaporation.
- D- Direct contact with objects.
- E- Increase the cutaneous blood flow.

Answer: A

41. Allergic contact dermatitis caused by all of these except :

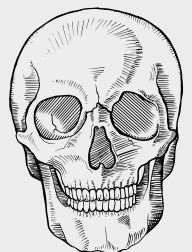
- A- Poison ivy.
- B- Chemical substance.
- C- Fungi.
- D- Latex.
- E- Radiation.

Answer: E

42. All of these muscles attached to axis except :

- A- Inferior oblique.
- B- Superior oblique.
- C- Rectus capitis posterior major.
- D- Scalenus medius.
- E- Longus coli.

Answer: B



43. Which one of the following protein responsible for connect thick filament to Z disk :

- A- Titin.
- B- Nebulin.
- C- Myomesin.
- D- α -Actinin.
- E- Troponin.

Answer: A

44. The distance between z-lines is equivalent to the length of the :

- A- M line.
- B- A band.
- C- Sarcomere.
- D- H band.

Answer: C

45. Why does stair-case phenomenon occur :

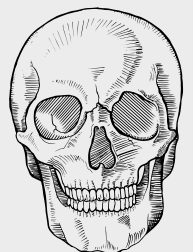
- A- High K , low Ca.
- B- High temperature , high Ca , low K and high Na.
- C- High K , low Na
- D- Low temperature , high Ca , low K and high Na.

Answer: B

46. Melanocytes are located in :

- A- Stratum corneum.
- B- Stratum granulosa.
- C- Stratum lucidum.
- D- Stratum spinosum.
- E- Stratum basale.

Answer: E



47. Most common complication of open fracture is :

- A- Infection.
- B- Compartment syndrome.
- C- Avascular necrosis.
- D- Fat embolism syndrome.
- E- Non-union.

Answer: A

48. The carbohydrate metabolism error that affect mainly on ATP is :

- A- Debrancher enzyme deficiency.
- B- Phosphofructokinase deficiency.
- C- Myo-adenylate deaminase deficiency.
- D- Lactate dehydrogenase deficiency.
- E- Acid maltase deficiency.

Answer: C

49. All of the following hormones decrease calcium except :

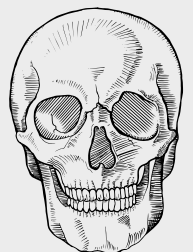
- A- Calcitonin.
- B- Thyroid hormone.
- C- Cortisol.
- D- Parathyroid hormone.

Answer: D

50. Treatment of trichenillosis is :

- A- Pentostam.
- B- Mebendazole.
- C- Ivermectin.
- D- Ketoconazole.
- E- Fluconazole.

Answer: B



51. Regarding injuries all the following statements are correct except :

- A- Accidents are an unexpected events , implies a random and uncontrollable event.**
- B- Interpersonal violence are the leading cause of injury-related deaths worldwide.**
- C- Both unintentional and intentional injuries are viewed as largely preventable events.**
- D- Injuries may be blunt or penetrating.**
- E- Disability-Adjusted Life Year (DALY) is the indicator used to quantify the loss of healthy life.**

Answer: B

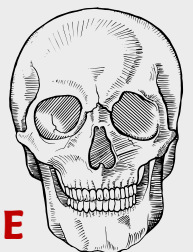
52. Regarding Musculo-skeletal injury; which one of the following statements is wrong :

- A- Death rates due to injury tend to be higher in those in the higher income groups.**
- B- Injuries , unintentional or intentional , constitute a major public health problem.**
- C- Injuries killing many people worldwide and causing many more cases of disability.**
- D- People from all economic groups suffer fatal injuries.**
- E- The poor are also less likely to make a full recovery following an injury.**

Answer: A

53. Desmoid fibromatosis percentage of B-catenin mutation is :

- A- 5%.**
- B- 10%.**
- C- 20%.**
- D- 30%.**
- E- 90%.**



Answer: E

54. One of the following rules must not be taken into consideration when adapting the job to the worker :

- A- Flexibility all begin to diminish upon reaching the age of 45.**
- B- Weight and mass tend to increase throughout the age of the early fifties (50).**
- C- Height begins to slowly diminish from the age of 30.**
- D- Lower back pain is more common in people 25 years of age and older.**
- E- Visual acuity at close range diminishes with age.**

Answer: D

55. A 3 boy patient has fever and cough with coryza and conjunctivitis, after while a rash begins from hair line spreading through out the trunk and body, the best diagnosis is :

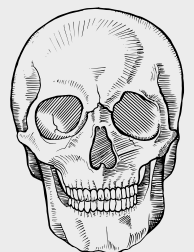
- A- Rubella.**
- B- German Measles.**
- C- Roseola.**
- D- Slapped cheek.**
- E- Chicken pox.**

Answer: A

56. Which of the following is incorrect regarding osteoarthritis diagnosis by X-ray image :

- A- Osteophytes.**
- B- Narrowing between joint bone**
- C- Bone necrosis.**
- D- Bone cyst.**
- E- Cartilage sclerosis.**

Answer: C



57. Inhibition of P53 gene and retinoblastoma gene is associated with:

- A- HSV.
- B- HHV.
- C- B19.
- D- HPV.

Answer: D

58. A 2 year old child has generalised rash affect on his trunk then to the face and extremities. The causative virus of his state is :

- A- Rubeola.
- B- B19.
- C- Roseola.
- D- HPV
- E- Rubella

Answer: C

59. One of the following is short acting non-depolarizing NMB :

- A- Succinylcholine.
- B- Mivacurium.
- C- Atracurium.
- D- Pancuromium.
- E- Rocuronium.

Answer: B

60. All of the following are therapeutic use of acetaminophen except :

- A- Anti-platelet effect.
- B- Mild to moderate pain.
- C- Anti-pyretic effect.
- D- Substitute for analgesic and anti-pyretic effect of aspirin.
- E- Patient with peptic ulcer.

Answer: A



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