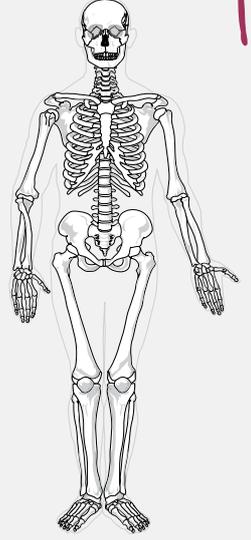


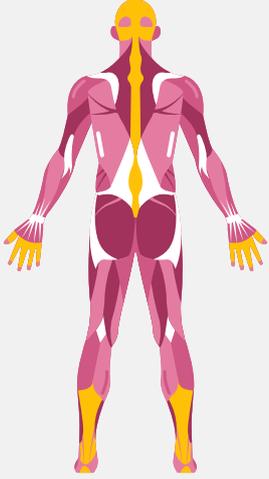
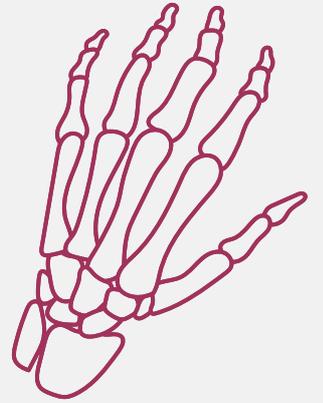
# MSS MODULE FINAL EXAM



زوح 2021

Done by:

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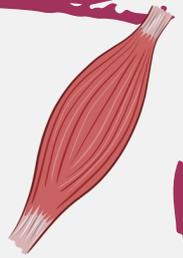


الطب والجراحة  
لجنة



**1. Desmoid fibromatosis percentage of betakatenin mutation is:**

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



**Answer: E**

**2. The most common cause of erythema multiforme is:**

- A) genetics
- B) HSV
- C) allergy

**Answer:**

**3. 21 years old pregnant woman is suffering from trauma with closed head injury and open fracture of ankle, what position preserves blood pressure during delivering her to emergency room?**

- A) trendelenburg
- B) reverse trendelenburg
- C) left lateral side
- D) right lateral side
- E) supine

**Answer:C**

**4. Potts disease is:**

- A) skeletal tuberculosis
- B) sclerotic phase of pagets
- C) lytic phase of pagets
- D) pyogenic osteomyelitis

**Answer:A**

**5. A man suffers from urine retention. After some examinations, doctor decides to take a biopsy from his prostate by a procedure requiring about 10 mins. what drug should be used as muscle relaxant:**

- A) succinylcholine
- B) pancoronium
- C) mephenesin
- D) mevacorium
- E) tubocurarine



**Answer:D**

**Explanation: this info is taken from record (mevacorium is drug of choice during biopsies which require 5-10 mins)**

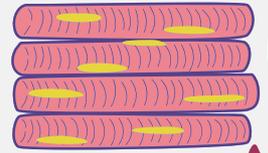
**6. all of the following enzymes in muscles are used for energy production except:**

- A) carnitine acyl transferase
- B) lactate dehydrogenase
- C) phosphorylase
- D) debranching enzyme
- E) Adenine deaminase

**Answer:E**

**7. the most important feature for facial artery is:**

- A) Tortous
- B) from external carotid
- C) supplies the face



**Answer:A**

**8. A drug that decreases chemotaxis of granulocytes as the mechanism of action in treating gout is:**

- A) colchicine
- B) Indomethacin
- C) ibuprofen
- D) allopurinol
- E) sulfonylemethoxazone

**Answer:B**

**9. A surgery is proceeded in muscular trinagle of neck. The surgeon defines the anterior scalenus muscle, and he notes that he has to be aware of cutting a specific structure passes anterior to it, which is?**

- A) external carotid artery
- B) internal jugular vein
- C) phrenic nerve
- D) vagus nerve
- E) subclavian artery

**Answer:C**

**10. The correct among musculoskeletal injuries:**

**Answer: Car injury is most common type of injuries**

**11. which statement is correct regarding vertebral column?**

- A) axis is devoid from vertebral body
- B) rotation of head is done by moving atlanto-occipital joint
- C) apical ligament is coming from occipital bone of skull to second vertebra, crossing transverse ligament
- D) tectorial membrane passes posterior to dens of axis

**Answer:D**

**12. Lateral flexion of head is done by:**

- A) anterior scalenus
- B) rectus capitis anterior
- C) rectus capitis lateralis
- D) scalinus minimis
- E) rectus capitis posterior

**Answer:A**





**13. All of the following muscles take innervation from C1 except:**

- A) rectus capitis lateralis
- B) scalenus posterior
- C) rectus capitis posterior minor
- D) rectus capitis posterior major
- E) longus capitis

**Answer: B**

**14. During a surgery, the hypoglossal nerve is resected after it receives C1 with its course, which muscle is predicted to stop from working?**

- A) sternothyroid
- B) sternohyoid
- C) superior belly of omohyoid
- D) inferior belly of omohyoid
- E) thyrohyoid

**Answer: E**

**15. A player falls down on his head damaging posterior triangle of neck. His right sternocleidomastoid now is not functioning well, which of the following is another sign found in this patient?**

- A) he rotates his head to right side weakly
- B) he has weak right trapezius
- C) loss of ipsilateral sensation

**Answer: B**

**16. The wrong about antipyretic dose of aspirin is:**

- A) reduces body temperature of both feverish and normal people
- B) cause reye syndrome among children
- C) decrease temperature set-point
- D) increase temperature set-point

**Answer: A**

**Explanation: Both A & D are correct. However, the answer for this question is A.**

**17. The main feature of dystrophinopathies is:**

- A) fibrosis
- B) necrosis and regeneration
- C) biopsy shows decreased expression of dystrophin
- D) atrophy of the muscle
- E) mononuclear cell infiltrate is seen in biopsy

**Answer: B**

**18. Which receptor from the following is found in epidermis?**

- A) free nerve ending
- B) merckel cells
- C) messienner corpuscles
- D) pacinian corpuscles
- E) hair follicle receptors

**Answer: B**



Answer:D

19. median nasal process gives all the following except:

- A) premaxilla
- B) primary palate
- C) anterior nasal septum
- D) posterior nasal septum
- E) philtrum

20. Vit-D deficiency causes alot of physiological changes icluding:

Answer: hyperparathyroidism

21. Which of the following is the line bisects the sarcomeres

- A- I band
- B- A band
- C- Z line
- D- M line
- E- H zone

Answer:C

22. Which of the following muscle for expression of doubt

- A- zygomaticus major
- B- mentalis
- C- depressor labbi inferior
- D- depressor anguli oris
- E- risorius

Answer:B

23. Ibuprofen is administered to patient of osteoarthritis for inhibition of:

- a) PG +bradykinin
- b) Pg+ L1
- c) Thromboxane+ PG
- d) PG + prostacyclin
- e) Thromboxane + bradykinin

Answer:B

24. One of the following is true about external oblique

- A-its covered the anterior of the rectus abdominus
- B- its directed upward,medially forward
- C- its origin from all rib

Answer:A

25. All the following are treatment for acute eczema exept

- A- phototherapy
- B- oral steroids
- C- lukewarm
- D- surgical excision of the red patch

Answer:D

**26. The children born with which type of skeleton**

- A- compact
- B- hyaline
- C- spongy

Answer:B

**27. Treatment for succinylcholine apnea during phase 2 toxicity is**

- A- neostigmine followed by atropin
- B- atropin followed by neostigmine
- C- fresh frozen plasma

Answer:B:

**28. acidosis .. Ca abs, alkalinity ... ca abs, level of ...ca is changed.**

- a) decrease , increase , bound
- b) increase , decrease , bound
- c) increase , increase, complex
- D- decrease, increase, complex
- E- increase, decrease, complex

Answer:A

Explanation: bound calcium is calcium attached to blood proteins, they are altered in relation to calcium level in blood. While the complexed form of Ca is when Ca attached to other compounds such as calcium gluconate. Question text is not accurate as in the exam.

**29. One of the following is posterior to inguinal canal**

- A- conjoint tendon
- B- cremasteric muscle
- C- pyramidal muscle

Answer:A:

**30. One of the following is true about 1,25 dihydroxyvitamin D3**

- A- it's a lipophilic work as vitamin
- B- it has extracellular receptor
- C- it's activated in liver
- D- its action opposite PTH
- E- decreases the PTH transcription

Answer:E

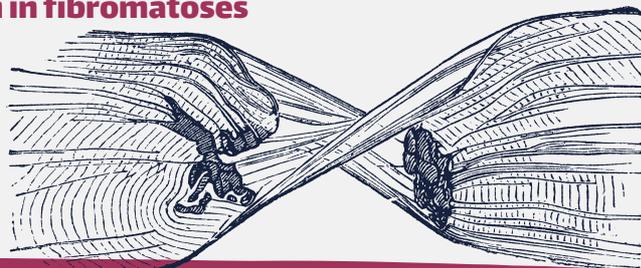
**31. All the following are complications of carbuncle except:**

- A- pneumonia
- B- spinal abscess
- C- brain abscess
- D- septicemia
- E- cellulitis

Answer:A

**32. The percentage of B- catenin mutation in fibromatosis**

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



Answer:D

**33. Why connective tissues are more elastic?**

- A) elastic denaturation is reversible
- B) elastic fibers do not have hydroxylysine
- C) lysyl oxidase is not involved in elastic formation

**Answer:**

**34. A patient complaining from right knee pain, and then experiencing additive ankle pain.**

**What is the possible diagnosis?**

- A) SLE
- B) ankylosing spondilitis
- C) RA
- D) septic arthritis

**Answer:B**

**Explanation:** SLE is systemic disease, RA is symmetrical and septic arthritis is monoarthritis. Therefore the answer is ankylosing spondilitis

**35. A patient 51 years old of RA is experiencing joint erosin. Which drug should be prescribed?**

- A) methotrexate
- B) hydroxychloroquine
- C) sulfasalzine
- D) itanercept
- E) infliumab

**Answer:A**

**36. The force of the muscle is almost depending on:**

- A) length
- B) speed of contraction
- C) fiber type
- D) level of conditioning
- E) cross-bridges

**Answer:C**

**37. What is indirect job of PTH among these?**

- a. It lowers the circulating calcium and phosphate levels
- B- It inhibits bone resorption
- C- it's indirectly causing phosphoate absorption from gi with ca
- d. It decreases osteoclast/osteoblast activity ratio
- e. It decreases renal tubular reabsorption of calcium

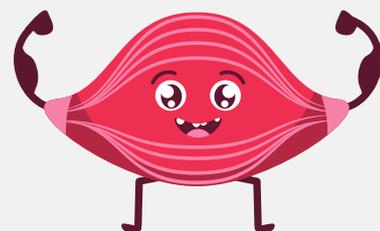
**Answer:C**

**38. One of the following false about aspirin**

- A- its affect both normal and high temperature

**39. All the following are true about the scalp except:**

- a) cut in occipitofrontalis less bleeding
- b) aponurosis of occipitofrontalis is a separate third layer
- c) superficial temporal artery is the smallest terminal branch of EC
- d) loose areolar is the dangerous layer
- e) the right occipitofrontalis is stronger than the occiptal one



**Answer:B**



**40. Which of the following caused by mutation in retinoblastoma gene :**

- a) Osteosarcoma
- b) Chondrosarcoma
- c) Osseochondroma

Answer:A

**41. All the following are true about sella turcica except**

- A- posteriorly sella dorsum
- B- above it pituitary gland
- C- below sphenoidal air sinus
- D- its in the sphenoid bone
- E- anteriorly interior clinoid process

Answer:E:

**42. Which has more myofibrils?**

- A- red fiber
- B- rapid fiber

Answer:A

**44. The receptor that found in epidermis:**

- 1-free ending nerve
- 2-hair follicles

Answer:A

**45. All the following are true about varicella zoster except:**

- A- its cause bilateral

Answer:B

**46. Muscle that do lateral flexion of the neck**

- A- rectus capitis anterior
- B- rectus capitis lateralis
- C- scalenus posterior
- D- longus capitis

Answer:B

**47. Female has a swelling, tenderness and pain, she eaten a pork before 3 week, what is the type**

- A- trichinella spiralis

**48. Osteomyelitis in children occurs in**

- A- diaphysis of long bone
- B- metaphysis of long bone
- C- vertebrae

Answer:B

**49. Streptokinase**

- A- dissolved the clot
- B- form the clot
- B- lyse blood cell

Answer::

**50. The type of stage that transmit by contact**

- A- amastagoit
- B- premastgoit

Answer:A

**51. A women with a thick and itchy whitish discharge , one is wrong regarding the causative organism?**

- a) it reproduces by budding
- b) Has true and branching septated hyphae Gram stain positive
- c) Is a yeast
- d) Chlamydospores may be seen on corn meal agar

Answer:B

**52. The H zone**

- a) Is devided by M line
- b) Contains only actin

Answer:A

**53. Rigor mortis is caused by?**

- a) Decrease ADP
- b) Depletion of ATP
- c) Increase lactic acid

Answer:B

**54. decrease heat loss in cold exposure**

- a) V.C of skin blood vessels , counter current exchanger occurs in femoral artery and deep vein
- b) V.C of skin blood vessels occurs

Answer:A

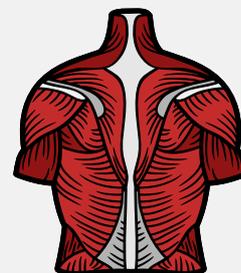
**55. Smooth muscle contractility is characterised by**

- a) Low O<sub>2</sub> consumption
- b) Slow cycling of Cross Bridges, low both energy & amp ; O<sub>2</sub> consumption
- c) Low energy consumption

Answer:B

**56. Smooth muscle are characterized by all the following EXCEPT? Select one:**

- A. Contains Calmodulin instead of troponin
- B. Its membrane potential is unstable
- C. Have a resting membrane potential is about -50mV
- D. They are relaxed by acids and excess calcium
- E. Its contraction increased with warming



Answer:E

**57. Wrong about pterion:**

a) The center is related internally to posterior branch of the middle meningeal artery

**58. Person of 65 years old who has arthritis from 6 months ago ... He has ulcer ... the best drug is :**

- a) piroxicam
- b) celecoxib
- c) indomethacin
- d) ibuprofen

Answer:D

Explanation : it is not recommended to give old patients celcoxib, so it is better to use ibuprofen for less side effects

**59. The most cause of depression of the mandible**

- a) lateral pterygoid
- b) digastric
- c) geniohyoid
- d) masseter
- e) gravity

Answer:E

**60. All the following are deep relations of lateral pterygoid muscle except**

- A- medial pterygoid muscle
- B- optic ganglia
- C- lingual artery
- D- middle meningeal artery
- E- chorda tympani

Answer:C

**61. One of the following is the origin of quadratus lumborum:**

- A- 4 lumbar vertebrae
- B- 5 lumbar vertebrae
- C- inner surface of iliac crest
- D- outer surface of iliac crest
- E- last rib

Answer::

**62. woman with gout took a drug, but it did not give any effect. She took another drug (pegloticase). What does this drug do?**

- A- excrete urase
- B- inhibit production
- C- break down urase
- D- inhibitor of xanthin

Answer:D



**64. Woman with Romatoid arthritis in wrist and bone erosion What the treatment you give**

- A- methotrexate**
- B- hydroxychloroquine**
- C- infliximab**

**Answer:A**

**65. All the following contraindications with topical steroids except**

- A- fungal infection**
- B- pruritic**
- C- ulcer**
- D- acne vulgares**
- E- scabes**

**Answer:B**

**66. Civate body**

- A- necrotic basel cell**
- necrotic detach of stratum corneum**
- epidermal acantholysis**

**Answer:A**

**67. Morphological features in paget disease**

- A- fibrosis**
- B- atrophy of muscle fiber**
- C- necrosis of muscle fiber**

**Answer:A**

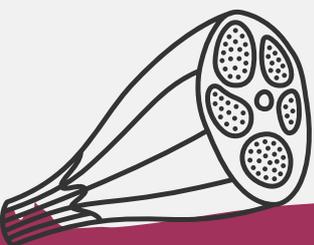
**68. I examined the carotid triangle and found a sclen anterior in front of me, and I have to pay attention because something important passes in front of this muscle... what is it??**

- a) commen car artery**
- b) Vagus N**
- c) Phrenic N**
- d) IJV**

**Answer:C**

**69. How does the amastigote transmission??**

- a) Direct contact**



71. A man's neck was hit by a football from the right post triangle, so it hit the right sterno clmastoid. What muscle will be affected and is it fed from the same nerve??

a) Trapezius muscle



Answer:A

72. The incorrect about shingle :

a) The vesicular eruption is bilateral, involving one to three dermatomes

b) Caused by reactivation of VZV

c) Pain in a sensory nerve distribution may sign the onset of the eruption

73. A central fissure or cleft divides the hand or foot into 2 part??

a) Lobster hand

74. Which on of the following measure considered as a primary prevention for Musculo-skeletal injury??

a) Trigger lock on guns

75. All muscle innervated from C1 except?

a) Sclen post

76. Nail changes due to :

a) psoriasis

b) rheumatoid arthritis

Answer:A

77.The most characteristic feature of facial artery

a) Tortous

78. For head and neck connection :

a) Head rotation is caused by the AO joint

b) Apical ligament is two branches in middle of odontoid process

c) oddontoid behind tectorial membrane

d) oddontoid anterior to transvers lig

Answer:D

79. All are Tyrosinase inhibitors except :

a) Arbutin

b) Kojic acid

c) Vitamin E

d) vitamin A

e) Hydroquinone

Answer:D

اعزم وكذ فان مضيت فلا تقف، واصبر وثابر فالنجاح محقق  
ليس الموفق من توأتيه المنى، لكن من رزق الثبات موفق

خليل مطران

