

# MSS Midterm Qs

<https://t.me/coronarymcq/2491>

Questions in total:  
(31/31)

## Coronary - MSS midterm (official key answers by the professors)

Q1) All the following are superiorly related to the shoulder joint except:

A. Teres minor.

Q2) The Proximal radioulnar joint is a:

A. Synovial pivot joint.

Q3) A 7-year-old boy is brought to emergency department to be evaluated for right elbow pain. Past medical and surgical history is noncontributory. Vitals are within normal.

Physical examination shows diffuse swelling and tenderness at the right elbow with a limited range of motion. X-ray of the right elbow shows a supracondylar fracture of the distal humerus. Based on this fracture pattern, which of the following actions is likely to be compromised:

A. Thumb opposition.

Q4) A 40-year-old man comes to the office to be evaluated for right-hand weakness. He works as a mechanic, which involves frequent screwdriver use. He does not report any trauma to his hand. Vitals are within normal limits. Physical examination shows weakness with extension of the thumb and fingers of the right hand. There is no weakness with adduction and abduction of the fingers. The sensation is intact and symmetrical bilaterally.

This patient most likely has an injury to a nerve that courses through which of the following structures:

A. Two heads of supinator muscle.

Q5) Quadrangular space, choose the wrong statement:

A. Its lower border laterally rotates the shoulder joint.

Q6) Which of the following is correct about the axillary artery:

A. The subscapular artery arises from its third part.

Q7) In carpal tunnel syndrome, which nerve is involved:

A. C6, C7, C8 and T1.

Q8) All of the following are structures within the roof of the cubital fossa, Except:

A. Lateral group of axillary nodes.

Q9) a 42-year-old man is brought to the emergency department after sustaining a hand injury. The patient was jogging when he tripped and fell onto an area of concrete with scattered glass shards. He sustained lacerations to the left hand. Vitals are within normal limits. Visual inspection of the left hand shows a 4 cm laceration extending from the base of the hypothenar eminence to the thenar eminence. Which of the following should be evaluated to assess for underlying nerve injury:

A. active thumb abduction.

Q10) Which of the following stimulates mitogenesis, collagen synthesis, bone remodeling:

D. Insulin-like growth factor-I.

Q11) Which of the following statements is true:

E. Renshaw cells are responsible for lateral inhibition.

Q12) When a muscle contracts during stretch reflex, the muscle that antagonizes the action of the muscle involved (antagonists) relax to an equal extent allowing smooth movement.

What is the name of the law from the following:

C. Sherrington's.

Q13) For Lowenstein's experiments with the Pacinian corpuscle. When the first node of Ranvier was blocked by pressure or with narcotics; which of the followings is true:

A. The generator potential persisted but the action potential was absent.

Q14) The use of low-dose methotrexate in the treatment of rheumatoid arthritis is most frequently:

A. Initiated early during moderate to severe forms of the disease.

Q15) A patient has been using topical minoxidil to manage his baldness for several years but now wants to stop using the medication. What is the likely consequence of discontinuing this:

A. Hair loss will resume.

Q16) Neuromuscular blocking drugs do not produce central actions because:

A. They do not cross the blood-brain barrier.

Q17) Peptostreptococcus is:

B. a strict anaerobic coccus.

Q18) Which of the following is an example of physiological wound:

A. Umbilical wound.

Q19) Which of the following is Incorrect regarding Molluscum contagiosum:

C. lesions are painful and umbilicated in appearance.

Q20) Regarding muscle disorders, select the false statement:

A. Becker muscular dystrophy occurs due to a mutation involving the dystrophin gene located on the chromosome Xq19.

Q21) Select the statement that is compatible with Paget disease of the bone:

E. Mosaic bone forming disease.

Q22) Regarding arthritis, which of the following statements is false:

A. Approximately 90% of ankylosing spondylitis patients are the RF positive.

Q23) Which of the following describes the acetabulum:

A. All the above.

Q24) One of the following is NOT describing iliofemoral ligament:

A. It is intracapsular, lined by synovial membrane.

Q25) Excessive anterior displacement of the tibia on fixed femur indicates damage to which of the following:

A. Anterior cruciate ligament.

Q26) Which of the following bones is articulated with the posterior edge of palatine bone:

A. Sphenoid bone.

Q27) Which of the following craniometric points is the most superiorly located:

C. Bregma.

Q28) Which of the following structures is a definite characteristic feature for cervical vertebrae:

B. Transverse foramen.

Q29) Which of the following will be pierced during the lumbar puncture procedure but

NOT during epidural anesthesia procedure:

B. Dura mater.

Q30) All of the following participate in the development of sphenoid bone EXCEPT:

B. Trabeculae carni.

Q31) At which week of development, the digital rays of foot appear:

C. 7th week.