

**MSS-Final Exam, 23/5/2011**

*Note: some of the question are answered, keep in mind that those answers are not absolutely correct, so it's better to verify and make sure about them..*

Wrong combination:

- a-soleus planter flexion of ankle
- b- gluteus medius abductor of the hip
- c- peroneus longus eversion of the foot
- d- flexor hallucis longus doxi flexion of the ankle

according to leshmaniasis...one of the following is false:

- a.diagnosis can be made by tissue biopsy.
- b. L.donovani produces vascular infection.
- c. sporadic cases in jordan.
- d. in cutaneous leshmaniasis life long immunity can occur after first infection
- e. there's an effective vaccine.

answer is (e)

in spiralis , one of the following is wrong:

- a. may produce myocarditis.
- b. animal can be both primary & intermediate host.
- c. parthenogenesis.
- d. esinophilea.
- e. increase CPK in muscles.

in scabies...one of the following is true:

- a. always a sexually transmitted disease.
- b. feeds on blood.
- c. face is normally spared in adults.
- d. tunnels in the subcutaneous tissue.
- e. transmits borrolea ..

In facial nerve palsy, one of the following doesn't happen:

- a. inability to close the eye lid.
- b. food comes out of the mouth due to orbicularis oris.
- c. chewing is lost due to buccinator muscle.
- d. sounds become (low) due to stapedius atrophy.
- e. ....

in maxillary sinusitis the reffered pain is for:

- a. upper jaw.
- b. lower jaw.
- c. skin at the angle of the mandible.
- d. skin in the forehead and scalp.
- e. ....

answer is (a)

in embryo: one of the following isn't from the pharyngeal apparatus:

- a. pharyngeal arches.
- b. pharyngeal tonsils.
- c. pharyngeal clefts.
- d. pharyngeal pouches.
- e. pharyngeal membrane.

answer is (b)

wrong combination 3rd dorsal interossi in the ring finger

measles and rubella share all of the following except:

- a. pathogenesis.
- b. clinical manifestations.
- c. severity of the disease.
- d....
- e....

one of the following isn't produced by herpes simplex virus:

- a. cold sores.
- b. erythema ..
- c. gingivostomatitis.
- d. keratocconjunctivitis.
- e....

the primary activation in VZV and the secondary activation differ in all of the following except:

- a. type of lesion.
- b. pathogenesis.
- c. distribution of the lesion.
- d....
- e....

answer is (a)

tinea versicolor is produced by one of the following:

- a. Malassezia furfur.
- b. trichophyton
- c. candida.
- d. ....
- e. none of the above

the bacteria that produces Blue-Green pus:

- a. pseudomonas aeruginosa
- b. clostridium perfringens.
- c. bacillus cereus.
- d. ...
- e. none of the above

histo; which of the following is wrong:

- a- apocrine sweat glands most numerous in the sole
- b- sebaceous gland are holocrine
- c...
- d...
- e...

anatomy : there was a question about the thumb nerve innervation :

- a) the cutaneous innervation by radial and medial nerves
- b) it takes from the root value C5 ,C6,C7
- c) adduction is by median and ulnar
- d)...

histo: which is wrong:

>>> melanocyte number in dark skin is 3-4 times higher than white skin

histo: which is wrong:

>>> the only junction found is tight junctions

physio: which of the following happens at the peak of the simple muscle twitch in a skeletal muscle:

- a- highest concentration of Ca ions
- b- highest diffusion of Ca from EXTRAcellular fluid
- c- highest diffusion of K
- d-...
- e- more than one of the above

physio : which contribute mostly to make the resting membrane potential:

- a) K+ high permeability
- b) Na+/K+ pump
- c)

physio; which of the following happen before the others:

- a- generation of end plate potential
- b- initiation an action potential at the sarcolemma
- c- action potential run along T tubules
- d- resales of Ca ions
- e- activation of toponin C

anatomy : which of the following is mismatched :

- a) sustentaculum tali > talus
- b) tibiofibular inf. joint > fibrous joint
- c) posterior cruciate ligament >> lateral aspect of medial condyle

which of the following is wrong about medial planter nerve:

- a- supply 1st lumbrical
- b- supply adductor hallucis
- c- supply flexor digitorum brevis
- d- sensation of medial 2/3 of sole
- e- lateral side of medial planter artery

-which of the following is wrong:

>>> lateral meniscus is most commonly torn

which of the following is not true about femoral triangle:

- a- bounded by inguinal ligament, sartorius, and adductor longus
- b- femoral nerve at mid inguinal point
- c- ...
- d...
- e....

Anatomy: to feel the pulsation of the lower limb, the true is :

- a- femoral at the mid inguinal point
- b- ant.tibial>>tibial tubrcl
- c- poplital a.>>lower border of poplitiu m
- d- post.tibial>>ant.to med.mallus

patho : a question about osteoeoporosis , all except :

- a) include kyphoscoliosis
- b) serum calcium levels are in sensitive
- c) detected by normal X- ray
- d)...

which of the following is wrong:

>>> adductors...medial rotation

cutaneous block of the neck

>>> mid point of posterior border of sternocledomastoid muscle

which of the following is wrong:

>>> posterior interossious artery....radial artery

waiter's tip position:

>>> injury to upper trunk of brachial plexus

anatomy : put the structures in the right order in the Cubital fossa from lat. to med. ( brachial artery , biceps insertion , median nerve ) :

- a) tendon , artery , nerve
- b) artery , tendon , nerve
- c) nerve, tendon , artery

the membrane that separates the primitive pharynx from the amniotic cavity :

- a- amniotic membrane
- b- chorionic membrane
- c- buccopharyngeal membrane (probably)
- d- yolk ..
- e....

which doesn't contribute to the anastomosis around the shoulder:

- a- thoracoacromial artery
- b- suprascapular artery
- c- transverse cervical artery
- d- circumflex scapular artery
- e- subclavian artery

which of the following is not true:

- a- somite appear in the end of week 3
- b- dorsolateral part make the dermis
- c- ventromedial part make the protovertebra
- d- somite come from lateral mesoderm
- e- sclerotomic fissure make IVD

anatomy : a patient complains from incomplete grip in his hand he can only flex the 4th and the 5th digits , the injury that he had is in :

- a) proximal median n.
- b) distal median n.
- c) proximal ulnar n.
- d) distal ulnar n.

which of the following isn't a content from the carotid sheath

- a- common carotid A
- b- internal carotid A
- c- internal jugular vein
- d- vagus nerve
- e- external jugular

which of the following isn't true about the femoral hernia :

- a- common in females
- b- below & lateral to the pubic tubercle
- c- femoral vein is medial to it

which of the following is true:

>>> disk prolapse of IVD between L4 and L5 will damage spinal nerve L5

which of the following is not true about the point of the insertion of coracobrachialis

- a- median nerve change it's passage from medial to lateral to the brachial artery
- b- medial cutaneous nerve of the forearm pierce deep fascia
- c- superior ulnar collateral originate

which of the following is wrong:  
>>> bifurcation of common carotid artery...C6

anatomy : a child has a problem in his ear , he had nausea and vomiting and other symptoms that are related to which nerve:  
a) vagus nerve (X)

which of the following is wrong:  
>>> rotator muscles rotate VC to same side

which of the following prevent posterior displacement of nucleous pulposes during disk prolapse:  
>>> posterior longitudinal ligament

about the middle ear, which is wrong:  
a- tegmen tympani... internal jugular vein  
b- horizontal part of facial canal... medial wall  
c- internal carotid artery...anterior  
d- mastoid antrum... posterior

which of the following is not true about gouty arthritis:  
a- tophi are found only in joint  
b- tophi in the articular cartilage

which of the following foramen have no vein, artery, or vein pass through it and carry its name:  
>>> foramen spinosum ?!

damage to pterion >>>> middle meningeal artery

patho: the most common cause for suppurative arthritis in children < 2 years is:  
a) S. aureus  
b) H. influenzae  
c) gonococcus  
d) Salmonella  
e) Staphylococcus

patho: Heberden nodes are :  
a) prominent osteophytes at the distal interphalangeal joints in fingers  
b) .....

all of the following are found in the infratemporal fossa except:  
>>> mandibular artery and its branches

which of the following is not a branch from trigeminal nerve:  
>>> lesser occipital nerve

which of the following isnt a branch from trigeminal nerve :  
a- zygomaticotemporal  
b- auriculotemporal  
c- supraorbital  
d- supratroclear  
e- lesser occipital

internal carotid artery supply which of the following region  
a- forehead  
b- cheek  
c-...  
d-...  
e-...

clinical: about arthritis which one is not true:

- a) polyarthritis involvement of five or more joints
- b) oligoarthritis involve two or for joints
- c) intermittent arthritis , episodic involvement with intervening periods free of joint symptoms
- d) migratory arthritis, inflammation persist for a week in each joint
- e).....

measles and rubella differ in which of the following

- a- pathogenesis
- b- severity of disease
- c- clinical symptom
- d- mode of transmission
- e-...

A direct herpes simplex viral infection has been linked to all except:

- a- gingivostomatitis
- b- cold sores
- c- eczema herpeticum
- d- erythema multiform
- e- herpetic whitlow

which of the following is not derived from the 1st pharyngeal arch :

- a- mylohyoid
- b- ant. belly of digastric
- c- hyoid bone
- d-...
- e-...

which is true about scabies:

- a- produce trenches in subcutaneous tissue
- b- feed on blood
- c- in adults spared face infection
- d- mainly transmitted sexually
- e- a vector for transmission of borrelia

which is not true about leishmania:

- a- sporadic cases in Jordan
- b- their is a vaccine
- c- diagnosed by tissue biopsy
- d- L. donovani can cause visceral leishmaniasis.
- e- infection is followed by development of solid, life long immunity.

all of the following is true about Trichinella spiralis, except:

- a- parthenogenesis
- b- same animal in primary and intermediate host
- c- myocarditis
- d- eosinophilia
- e- elevation in CPK

a patient with "bell palsy" in facial, all of the following are true except :

- a- can't close his eyes
- b- muscles of facial expression are atrophy
- c- food comes out of the mouth because of orbicularis oris
- d- chewing .. buccinator
- e- sounds are quieter because of stapedus

which of the following inhibit uric acid production

>>allupurinol

a patient with RA, was on an ibuprofen treatment. the dr decided to change the treatment to another drug, this new drug cause as side effects nausea, the drug mostly the patient is using now is:

- a- methotrexate
- b-...
- c-...

the primary VZV differs from the reactivated state of the virus in all except by :

- a- pathogenesis
- b- type of lesions
- c- site of lesions
- d- route of transmission
- e- severity

the cause that we prefer celocoxib over NSAIDS is:

- a- less effect on PGE2 on gastric function
- b...
- c..
- d...

which of the following have anti-inflammatory effect

- a- paracetamol
- b- ibuprofen
- c..
- d...
- e...

asprin can cause any of the following except:

- a- antiinflammatory
- b- antipyretic
- c- antiplatelet
- d- analgesics
- e- sever nephrotoxicity

which of the following is not true about tubocurarine :

- a- a good poison for animals ..!
- b - it's action can be reversed by anticholinesterase
- c- a depolarizing muscle relaxant
- d- from nature ....!
- e.....

Q) about tubocurarine, which is wrong:

- a- depolarizing drug
- b- used in hunting
- c- produce from a plant found in south america
- d-...
- e-...

Q) which of the following is not true about succinylcholine:

- a- depolarizing drug
- b- bradycardia
- c- produce muscle pain after surgery
- d- action reversed by neostigmine
- e- produce short duration of muscle paralysis

Q) succinylcholine is metabolized by:

- a- mitochondrial enzyme
- b- plasma enzyme
- c- ...
- d-...
- e- none of the above

which of the following isn't true about osteoarthritis :

- a- inflammation is predominant
- b- joint deformity without fusion
- c- crepitus & limited movement
- d- increase in the water content of the articular cartilage
- e- it has huge inflammation

embryo :

one of the following isn't a part of the pharyngeal apparatus :

- a- pharyngeal arch
- b- pharyngeal cleft
- c- pharyngeal pouch
- d- pharyngeal tonsils
- e- pharyngeal membrane

Q) which of the following is not true about joint diseases:

- a- oligoarthritis involve 2 to 4 joints
- b- polyarthritis involve 5 or more joints
- c- intermittent pattern when episodic involvement, with intervening periods free of joint symptoms.
- d- migratory inflammation persist for few weeks in each joint
- e- chronic last for more than 6 weeks

green blue puss is produced by the following bacteria >>> *pseudomonas aeruginosa*

2- tinea versicolor is caused by one of the following

- a- malassezia
- b- tricycophyton
- c- candidia
- d- aspergillus
- e- non of the above



***Lejan 2009/2010***