



Past papers Anatomy 2020

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Final Anatomy – 2020

- 1- At the time that the morula reaches the uterus, the mucosa of the uterus is in which phase?**
 - a- Secretory phase
 - b- Proliferative phase
 - c- Menstrual phase
 - d- A and B
 - e- A and C

- 2- Which one of the following implants in the endometrium of the uterus?**
 - a- Two cell stage
 - b- The structure that has secondary yolk sac
 - c- The blastocyst
 - d- Morula
 - e- Zygote

- 3- In general, which one of the following is not produced by the ectodermal germ layer?**
 - A- The peripheral nervous system
 - B- The central nervous
 - C- Neural crest
 - D- The sensory epithelium of the ear, nose and eye
 - E- The reticular stroma of the thymus

- 4- Choose the wrong statement about the hip joint.**
 - A- Ligamentum teres contains a small artery to the head of the femur
 - B- The iliofemoral ligament prevents hyperextension of hip joint
 - C- Anteriorly, part of the neck of the femur is extracapsular
 - D- Angle of inclination lies between the neck and shaft of the femur
 - E- Subsynovial reticular arteries supply the head and neck of the femur

- 5- Cystic duct joins the duct to form the common bile duct.**
 - A- Right hepatic duct
 - B- Left hepatic duct
 - C- Pancreatic duct
 - D- Hepatopancreatic duct
 - E- Common hepatic duct

6- Menstrual cycle, choose the wrong statement

- A- Variations between 21 and 35 days are normal
- B- In the luteal /secretory phase, spiral arterioles develop in length and coil.
- C- Averages 28 days
- D- Proliferative phase is under the influence of estrogen
- E- Secretory phase is under the influence of FSH.

7- After a forceps delivery of an infant boy, the baby presents with his left upper limb adducted, internally rotated, and flexed at the wrist. Which part of the brachial plexus was most likely injured during this difficult delivery?

- A- C7
- B- C7 and C8
- C- C8
- D- C5 and C6
- E- C8 and T1

8- Which muscle is inserted into distal phalanges of the medial four fingers of the hand and is supplied by median and ulnar nerve?

- A- Flexor digitorum superficialis
- B- Flexor pollicis longus
- C- Palmaris longus
- D- Extensor pollicis longus
- E- Flexor digitorum profundus

9- In a 32-year-old women, flexion and supination of the forearm are severely weakened. She also has loss of sensation on the lateral surface of the forearm. Which of the following nerves has most likely been injured?

- A- Radial
- B- Musculocutaneous
- C- Ulnar
- D- Median
- E- Axillary

10- A muscle which takes its origin from the lateral supracondylar ridge of the humerus, and it is supplied by the radial nerve. What is the action of this muscle?

- A- Rotation of the forearm to the midprone position
- B- Abduction of the thumb
- C- Flexion of the wrist

- D- Abduction of the wrist
- E- Adduction of the wrist

11- A muscle originates from supraglenoid tubercle and coracoids process, where is the insertion of this muscle?

- A- Styloid process of radius
- B- Olecranon process
- C- Lateral epicondyle of the humerus
- D- Coronoid process
- E- Tuberosity of the radius

12- Positive Hitch Hike sign indicates injury to which one of the following nerves?

- A- Median
- B- Posterior interosseous
- C- Anterior interosseous
- D- Recurrent branch of median
- E- Deep branch of ulnar

13- Which statement is incorrect about the mediastinum

- A- It is divided into superior and inferior parts
- B- The superior mediastinum is subdivided into 3 parts
- C- The heart is located in the middle mediastinum
- D- Arch of aorta and its branches are located in the superior mediastinum
- E- Descending aorta is located in the posterior mediastinum

14- A 45-year-old man arrived at the emergency department with a fracture of the medial epicondyle of the humerus. Which of the following muscles will most likely be paralyzed?

- A- Flexor digitorum superficialis
- B- Brachioradialis
- C- Supinator
- D- Flexor carpi ulnaris
- E- Biceps brachii

15- Which one of the following muscles originates from the upper six costal cartilages and the clavicle?

- A- Pectoralis major

- B- Subclavius
- C- Deltoid
- D- Pectoralis minor
- E- Serratus anterior

16- Which of the following statement is correct about the pericardium of the heart

- A- The fibrous pericardium is divided into visceral and parietal layers
- B- This is composed of outer serous and inner fibrous layers
- C- The serous pericardium is firmly attached to the diaphragm
- D- Pericardial cavity lies between the parietal and visceral layers
- E- There is no fluid in the pericardium

17- In carpal tunnel syndrome, which muscles most typically become weakened?

- A- Thenar
- B- Dorsal interossei
- C- Hypothenar
- D- Palmar interossei
- E- Lumbricals III and IV

18- The radial pulse is felt lateral to which tendon?

- A- Flexor digitorum superficialis
- B- Palmaris longus
- C- Flexor pollicis longus
- D- Flexor carpi radialis
- E- Flexor digitorum profundus

19- A medical student was bitten at the base of his thumb by his dog. The wound became infected and the infection spread into the radial bursa. The tendon(s) of which muscle will most likely be affected?

- A- Flexor digitorum superficialis
- B- Flexor carpi radialis
- C- Flexor pollicis longus
- D- Flexor digitorum profundus
- E- Flexor pollicis brevis

20- Concerning the valves of the heart, choose the correct statement?

- A- They are all tricuspid
- B- Mitral and Tricusped are not the Atrioventricular valves
- C- Aortic and pulmonary are semilunar valves

- D- Tricusped valve is present on the left while Mitral valve is present on the right side of the heart
- E- Chordae tendineae are connecting the cusps of the valves to the pericardium

21- In a wrist drop, what is the injured nerve?

- A- Median
- B- Musculocutaneous nerve
- C- Axillary
- D- Radial
- E- Ulnar

22- The knee joint, choose the wrong statement.

- A- Its medial collateral ligament is attached to the medial meniscus
- B- Its lateral collateral ligament is separated from the lateral meniscus
- C- Its anterior cruciate ligament prevents posterior displacement of the femur
- D- Its posterior cruciate ligament prevents the tibia from being pulled anteriorly
- E- It performs extension, flexion, medial and lateral rotation

23- Choose the incorrect statement concerning the ribs.

- A- True ribs are 1-7
- B- False ribs 8-10
- C- The costal cartilage is attached to the anterior end of the rib
- D- Floating ribs are 11 and 12
- E- The subcostal groove is situated close to the upper border of each rib

24- Ahmad is unable to flex the distal interphalangeal joints of the fourth and fifth digits. Which of the following muscles is most likely affected?

- A- Flexor digitorum superficialis
- B- Flexor digitorum profundus and flexor digitorum superficialis
- C- Flexor digitorum profundus
- D- Lumbricals
- E- Palmer interissei

25- Choose the wrong match

- A- Locking the knee joint – bucket-handle tear
- B- Tear of anterior cruciate ligament - anterior drawer sign
- C- Prepatellar bursitis – housemaid's knee
- D- Posterior dislocation of the knee joint – tear of popliteal artery

E- Unhappy triad – anterior cruciate ligament, lateral collateral ligament and medial meniscus

26- Which of the following structures passes deep to the flexor retinaculum of the wrist?

- A- Radial nerve
- B- Palmaris longus tendon
- C- Ulnar nerve
- D- Median nerve
- E- Ulnar artery

27- Which one of the following is not true about the ulnar nerve?

- A- It runs between flexor carpi ulnaris and flexor digitorum profundus
- B- It arises from the medial cord of the brachial plexus
- C- It supplies the medial part of flexor digitorum profundus
- D- It passes in front of the medial epicondyle of the humerus
- E- In its injury, Froment's sign is positive

28- The Position is the commonest for the appendix in the right ileac fossa.

- A- Subcecal
- B- Preileal
- C- Retrocecal
- D- Postileac
- E- Pelvic

29- Third week of development, choose the wrong statement.

- A- The epiblast gives rise to ectoderm, mesoderm and endoderm
- B- The notochord appears above the ectoderm
- C- The primitive streak appears
- D- The hypoblast is displaced and the endoderm is created in its place
- E- The epiblast starts to proliferate forming the primitive node
- F-

30- The skin of the index finger is supplied by:

- A- Radial and median nerve
- B- Median nerve only
- C- Ulnar nerve only
- D- Ulnar and median nerves
- E- Ulnar and radial nerves

31- Concerning the stomach, choose the incorrect statement

- A- Attached to it, the lesser and greater omenta
- B- The cardiac sphincter has true anatomical sphincter
- C- Has lesser and greater curvatures
- D- Has anterior and posterior surfaces
- E- Has cardiac and pyloric openings

32- Which of the following muscles is attached to the medial border of the scapula?

- A- Serratus anterior
- B- Coracobrachialis
- C- Deltoid
- D- Pectoralis major
- E- Trapezius

33- At ovulation, which one of the followings breaks free from the ovaries

- A- Theca externa
- B- Theca interna
- C- All granulosa cells
- D- Cumulus oophorus
- E- The whole graafian follicle

34- Which one of the following femur fracture can cause aseptic bone necrosis?

- A- Pretrochantic
- B- Subcapital
- C- Cervical
- D- Basal

35- All of the following are results of fertilization except:

- A- Resumption of the second meiotic division
- B- Metabolic activation of the egg
- C- Determination of the sex
- D- The first polar body appears
- E- Diploid number of chromosomes

36- Which of the following statement is correct about the right lung

- A- Is divided into 3 lobes by two fissures
- B- Is directly covered by the parietal layer of the pleura
- C- Is smaller than the left lung
- D- Is divided into 2 lobes by one fissure
- E- Its hilum has two pulmonary arteries and one pulmonary vein

37- The myotome is derived from?

- A- Ventral portion of the somite
- B- Dorsal epithelium of the somite
- C- Dorsolateral portion of the somite
- D- Both dorsolateral and dorsomedial portions of the somite
- E- Dorsomedial portion of the somite

38- Which of the following structures does not open into the cavity of the right atrium?

- A- Tricuspid valve
- B- Mitral valve
- C- Inferior vena cava
- D- Coronary (cardiac) sinus
- E- Superior venal cava

39- muscle begins abduction of the arm

- A- Serratus anterior
- B- Infraspinatus
- C- Deltoid
- D- Trapezius
- E- Supraspinatus

40- A 24-year-old man cannot touch the pad of his index finger with his thumb. Which of the following nerves has most likely been injured?

- A- Median
- B- Anterior interosseous
- C- Deep branch of ulnar
- D- Deep branch of radial
- E- Recurrent branch of median

Answers

1	A	21	D
2	C	22	D
3	E	23	E
4	C	24	C
5	E	25	E
6	E	26	D
7	D	27	D
8	E	28	C
9	B	29	B
10	A	30	A
11	E	31	B
12	B	32	A
13	B	33	D
14	D	34	B
15	A	35	D
16	D	36	A
17	A	37	E
18	D	38	B
19	C	39	E
20	C	40	E

خذ هذه مني..
إن استعملك الله في ثغر فخذ به بقوة، مهما صغر، انظر له كأنه
عالمك، كأنها الثغرة الأخيرة، وأنت أملنا الوحيد، لا تضعف لحظة
ولا تتزك دورك، تناسى كلام الناس كأنك وحدك، تثبت قلبك فيه،
واثبت عليه كأنه كل انفسك.
أما ميوعة السير وتفاهة القصد
ورياء العمل وفراغ الوقت~
فليست لك.

