

Anatomy & Embryology past papers questions

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1-If coracoid process is injured the effect will be on all except :

- a- Short head of biceps
- b- Coracobrachialis
- c- Pectoralis minor
- d-Brachialis

Answer d

2-Which of the following statements is wrong about the Brachial artery?

- a-It starts at the outer (lower) border of teres major.
- b-It gives a deep branch that moves along with the radial nerve.
- c-It gives two branches that move with the ulnar nerve.
- d-It ends opposite to the coronoid process.
- e-It can be used to measure the blood pressure.

Answer d

3-Where can you find an oocyte arrested in meiosis 1?

- a-Primordial follicle only.
- b-Graafian follicle only.
- c-Secondary follicle and Graafian follicle
- d-Primordial, primary and secondary follicle.
- e-Primordial follicle and primary follicle.

Answer d

4- Abduction of the arm 180 above the head done by :

- a- Deltoid
- b- Trapezius and Serratus anterior
- c- Biceps and Triceps
- d-Brachialis
- E- Supraspinatus

Answer b

5-Which vein is commonly used in withdrawal of blood samples?

- a-Subclavian vein.
- b-Basilic vein.
- c-Median cubital vein.
- d-Axillary vein.
- e-Cephalic vein.

Answer c

6-At what phase does the crossing over take place?

- a-Prophase I.
- b-Anaphase I.
- c-Mitosis.
- d-Prophase II.
- e-Anaphase II.

Answer a

7-Which of the following is not a part of mitosis?

- a-Anaphase.
- b-Prophase.
- c-Metaphase.
- d-Zygotene phase.
- e-Telophase.

Answer d

8-Which of the following is a common site for measuring your pulse?

- a-Mid-shaft of the humerus.
- b-Anterior part of the distal end of radius.
- c-Center of snuffbox.
- d-Lateral to pisiform.

Answer b

9-All of the following are bone shapes except:

- a-Long bones.
- b-Flat bones.
- c-Short bones.

- d-Sesamoid bones.
- e-Regular bones.

Answer e

10-Which of the following is wrong concerning menstruation?

- a-Periodic desquamation of the endometrium.
- b-The external hallmark of the menstrual cycle.
- c-Prostaglandins are maximal in endometrium just before it.
- d-Occurs during high levels of estrogen and progesterone.
- e-Ischemia occurs due to prostaglandins which constrict the spiral arterioles.

Answer d

11-Which of the following is wrong about ulnar nerve?

- a-A branch of the medial cord of brachial plexus.
- b-Pierces the medial septum to enter the posterior compartment.
- c-Supplies all muscles in the anterior compartment of forearm.
- d-Passes behind the medial epicondyle of humerus.

Answer c

12-Where does the second polar body appear?

- a-During fertilization.
- b-In secondary follicles.
- c-During ovulation.
- d-In graafian follicles.

Answer a

13-Which of the following does not happen in spermiogenesis?

- a-Formation of the acrosome.
- b-Formation of spermatids from primary spermatocyte.
- c-Condensation of the nucleus.
- d-Shedding of most of the cytoplasm.
- e-Formation of neck, middle piece and tail.

Answer b

14-Which of the following is not found in the graafian follicle.

- a-Second polar body arrested at meiosis II.
- b-secondary oocyte arrested at meiosis II.
- c-Zona Pellucida.
- d-Granulosa cells.
- e- theca interna.

Answer a

15-Duplication of chromosomes happens in:

- a-Interphase
- b-Metaphase II
- c-Metaphase II
- d-Prophase I

Answer a

16- One of the following doesn't pass above the flexor retinaculum:

- a- Palmar branch of radial nerve
- b- Ulnar nerve
- c- Ulnar artery
- d- Palmaris longus
- e- palmar branch of median nerve

Answer a

17- All of those muscles is supplied by ulnar nerve except:

- a- Medial of lumbricals
- b- Extensor pollicis longus
- c- Abductor pollicis longus
- d- flexor carpi ulnaris

Answer c

18-Which of the following muscles is not a part of the rotator cuff?

- a-Teres minor.
- b-Teres major.
- c-Infraspinatus.
- d-Subscapularis.

e-Supraspinatus.

Answer b

19-If a patient can't supinate his forearm, which nerves are injured?

- a-Ulnar nerve and median nerve.
- b-Ulnar nerve and radial nerve.
- c-Radial nerve and musculocutaneous nerve.
- d-Axillary nerve and median nerve.

Answer c

20-Which nerve supplies the skin in the lateral side of the forearm?

- a-Musculocutaneous nerve.
- b-Median nerve.
- c-Axillary nerve.
- d-Ulnar nerve.
- e-Radial nerve.

Answer a

21-If a patient can't extend his hand (wrist drop), which nerve could be injured?

- a-Ulnar nerve.
- b-Radial nerve.
- c-Long thoracic nerve.
- d-Median nerve.

Answer b

22-Which of the following nerves does not supply muscles attached to the intertubercular groove?

- a-Lower subscapular nerve.
- b-Medial pectoral nerve.
- c-Lateral pectoral nerve.
- d-Thoracodorsal nerve.
- e-Musculocutaneous nerve.

Answer e

23-If a patient is suffering from winging of the scapula, which nerve is injured?

- a-Medial pectoral nerve.
- b-Long thoracic nerve.
- c-A nerve from the posterior cord of brachial plexus.
- d-A nerve that comes from C5,C6 roots.

Answer b

24-If the surgical neck of humerus is fractured, what structures could be affected?

- a-Median nerve and brachial artery.
- b-Ulnar nerve and basilic vein.
- c-Axillary nerve and posterior circumflex humeral vessels.
- d-Radial nerve and deep brachial artery.

Answer c

25- Which of the following statements is wrong about the menstrual cycle?

- a-Secretory phase is under the influence of FSH.
- b-The average for the cycle is 28 days.
- c-Follicular phase is under the influence of estrogen.
- d-Variations between 21 and 35 days are normal.

Answer a

26-Which nerve passes behind the medial epicondyle?

- a-Median nerve.
- b-Radial nerve.
- c-Ulnar nerve.
- d-Musculocutaneous nerve.

Answer c

27-Which of the following structures does not pass superficial to the flexor retinaculum ?

- a-Superficial branch of radial artery

- b-Ulnar artery.
- c-Palmaris longus.
- d-Palmar branch of ulnar nerve.
- e-Ulnar nerve.

Answer a

28-Which of the following statements is a Mismatched pair :-

- a-Holding a paper between your index and middle finger ----- Palmar interossei
- b-Opposition of thumb ----- Flexor pollicis longus and brevis.
- c-Thumbs-up ----- 2 extensors and 2 abductors.
- d-Writing position ----- Lumbricals.
- e-Victory sign ----- Dorsal interossei.

Answer b

29- The secretory phase is done by:

- a- Corpus luteum
- b- Granulosa cells
- c- Corpus albicans
- d-ESH

Answer a

30- Which of the following pairs medially rotate and adduct the arm?

- a-Teres major and Pectoralis major.
- b-Teres minor and pectoralis minor.
- c-Teres major and Teres minor.
- d-Teres major and pectoralis minor.
- e-Pectoralis minor and subscapularis.

Answer a

31-Which of the following is wrong concerning the shoulder joint?

- a-Ball and socket synovial joint.
- b-The superior side is strengthened by the coracoacromial arch. c-Its weakest point is the posterior side.
- d- The articulating surfaces are covered by hyaline cartilage.

Answer c

32-Which of the following is not a part of the anterior wall of axilla?

- a-Pectoralis major.
- b-Pectoralis minor.
- c-Clavipectoral fascia.
- d-Subclavius.
- e-Teres major.

Answer e

33-What happens at meiosis I?

- a-Separation of sister chromatids.
- b-Separation of homologous chromosomes.
- c-A second polar body is formed.
- d-Spermatogonia become primary oocytes.

Answer b

34-Which nerve does not supply the elbow joint?

- a-Axillary nerve.
- b-Radial nerve.
- c-Median nerve.
- d-Ulnar nerve.
- e-Musculocutaneous nerve.

Answer a

35- Raising of the index finger is done by:

- a- Extensor indicis
- b- Flexor digitorum
- c- Extensor digitorum
- d- Deltoid
- e- a and c

Answer e

36-Which of the following is not diploid?

- a-Spermatogonium.
- b-Primary spermatocyte.
- c-Primary oocyte.
- d-Oogonium.
- e-Spermatid.

Answer e

37-All of the following pierces the clavipectoral fascia except:

- a-Medial pectoral nerve.
- b-Lateral pectoral nerve.
- c-Lymph vessels.
- d-Cephalic vein
- e-Thoracoacromial artery

Answer a

38-Which of the following statements is wrong about the triangular space?

- a-Formed superiorly by teres minor.
- b-Formed inferiorly by teres major.
- c-Formed laterally by the surgical neck of humerus.
- d-Contains circumflex scapular artery and vein.
- e-Formed Laterally by the long head of triceps.

Answer c

39-Which of the following contains the same number of chromosomes as second polar body?

- a- Oogonium.
- b-Spermatid.
- c-Primary oocyte.
- d-Spermatogonium.
- e-Primary spermatocyte.

Answer b

40-Which of the following statements is wrong about the median nerve?

- a-It comes from the medial and lateral cord.

- b-It supplies no muscles in the upper arm.
- c-It is found medial, lateral and posterior to the brachial artery.
- d-It gives the anterior interosseus nerve.

Answer c