

UPPER LIMB ARTERIAL SUPPLY

ANATOMY KGMC MCQs

1. A branch of axillary artery with numerous sub-branches
 - a) Posterior intercostal arteries
 - b) Superior thoracic artery
 - c) Internal thoracic artery
 - d) Lateral thoracic artery
 - e) Thoracoacromial artery

CORRECT ANSWER: E
REASON: Thoracoacromial artery has four other branches

2. Choose the largest branch of axillary artery
 - a) Lateral thoracic artery
 - b) Superior thoracic artery
 - c) Acromiothoracic artery
 - d) Circumflex scapular artery
 - e) Subscapular artery

CORRECT ANSWER: E

3. If the axillary artery is blocked, a collateral circulation is established between
 - a) Second part of subclavian artery and first part of axillary artery
 - b) Second part of subclavian artery and second part of axillary artery
 - c) Third part of subclavian artery and third part of axillary artery
 - d) First part of subclavian artery and third part of axillary artery
 - e) Third part of subclavian artery and second part of axillary artery

CORRECT ANSWER: D

4. A 45 year old male had been in a road traffic accident. He has suffered a penetrating injury through the trapezius muscle. Which of the following arteries has minimal chance of getting severed?
 - a) Suprascapular artery
 - b) Superficial cervical artery
 - c) Dorsal scapular artery
 - d) Subscapular artery
 - e) All of above

CORRECT ANSWER: D

5. Which of the following arteries is a content of the intertubercular sulcus?
 - a) Profunda brachii artery
 - b) Posterior circumflex humeral artery
 - c) Circumflex scapular artery
 - d) Anterior circumflex humeral artery
 - e) Superior ulnar collateral artery

CORRECT ANSWER: D

REASON: latissimus dorsi and a twig from ACHA are present on the floor of intertubercular sulcus

6. How many arteries palpable in the upper limb are used for regular monitoring of pulse rate?
- a) One
 - b) Two
 - c) Three
 - d) Four

CORRECT ANSWER: D

7. Which of the following branches of brachial artery accompanies the radial nerve in the arm?
- a) Superior ulnar collateral artery
 - b) Supratrochlear artery
 - c) Radial artery
 - d) Profunda brachii artery
 - e) Muscular artery

CORRECT ANSWER: D

8. Keeping in mind the anastomosis around the elbow joint, the superior ulnar collateral artery and the posterior ulnar recurrent artery anastomose
- a) Behind the lateral epicondyle
 - b) Behind the medial epicondyle
 - c) In front of lateral epicondyle
 - d) In front of medial epicondyle
 - e) At the olecranon

CORRECT ANSWER: B

9. Which of the following arteries is a content of the anatomical 'snuff-box'?
- a) Ulnar artery
 - b) Radial artery
 - c) Radial recurrent artery
 - d) Ulnar recurrent artery
 - e) Interosseous artery

CORRECT ANSWER: B

10. The radial collateral artery is a branch of:
- a) Radial artery
 - b) Anterior circumflex artery
 - c) Ulnar artery
 - d) Brachial artery
 - e) None of these

CORRECT ANSWER: E

11. The main arterial supply to the humerus is the nutrient artery which is a branch of:
- a) Profunda brachii artery
 - b) Radial artery
 - c) Axillary artery
 - d) Brachial artery
 - f) Subscapular artery
- CORRECT ANSWER: D
12. The last branch of radial artery as it leaves the forearm is:
- a) Palmar carpal artery
 - b) Superficial carpal artery
 - c) Dorsal carpal artery
 - d) Radial recurrent artery
- CORRECT ANSWER: B
13. If an incision is made in the anterior compartment of forearm, which of the following arteries has the least chance of getting cut, due to its deepest course?
- a) Anterior ulnar recurrent artery
 - b) Radial recurrent artery
 - c) Anterior interosseous artery
 - d) Median artery
 - e) Palmar carpal artery
- CORRECT ANSWER: C
14. Superficial palmar arch is a direct continuation of:
- a) Ulnar artery
 - b) Anterior interosseous artery
 - c) Medial palmar artery
 - d) Radial artery
 - e) Lateral palmar artery
- CORRECT ANSWER: A
15. The brachiocephalic trunk is a branch of:
- a) Ascending aorta
 - b) Arch of aorta
 - c) Descending thoracic aorta
 - d) Subclavian artery
 - e) Directly arises from arch of aorta
- CORRECT ANSWER: B