1. The following is an example of a prime mover:

Select one:

a. The short scapular muscles when deltoid moves the humerus

b. Biceps flexing the elbow Correct. Moore 6th Edition pg 34

c. Flexor carpi ulnaris in finger flexion

* d. Triceps relaxing for elbow flexion

2. Which of the following statements about deep fascia is FALSE?

Select one:

a. The nerve supply comes from the nerves supplying the muscles which it invests. Correct

b. The deep fascia never passes freely over bone, always anchored to the periosteum

c. The nerve supply comes from that for the overlying skin

d. There is no deep facia over the face

3. The following is true of glands:

Select one:

a. Human apocrine secretion is odourless Correct. Moore 6th Edition pg 13

b. The vast majority are apocrine glands

c. Apocrine glands are found in the axillae, areolae, palms and soles

d. Eccrine glands are under the control of sex hormones

4. Which is FALSE regarding muscles?

Select one:

a. In smooth muscle, contractile impulses are transmitted by way of gap junctions

b. Skeletal red muscle fibres are slow twitch with aerobic metabolism

c. Muscle spindles contain intrafusal fibres, are constant in position, and most numerous in large muscles concerned with gross movement. Correct. Moore 6th Edition pg 30 table 1.1

d. Cardiac muscle has broad, branching cells which connect via intercalated discs

5. All of the following are correct about veins EXCEPT:

Select one:

a. Venous valves usually consist of two opposed cusps

b. They are often double

c. They are always bigger than their corresponding arteries

d. The IVC, portal and pelvic veins have only a few true valves. Correct. Moore 6th Edition pg 41

6. Which is NOT true regarding the autonomic nervous system?

Select one:

a. Preganglionic parasympathetic nerves arise from cranial nerve nuclei and from cells in the lateral grey horn of sacral segments 2 – 4

b. The sympathetic trunk extends from the base of the skull to the coccyx

c. Sacral splanchnic nerves are of parasympathetic origin. Correct. Moore 6th Edition pg 61 figure 1.46

d. The white ramus communicans of the sympathetic nervous system originate from all the thoracic and the upper 2 lumbar anterior rami of the spinal nerves

7. An example of a bipennate muscle is:

Select one:

a. Tibialis anterior

b. Supraspinatus Correct. Moore 6th Edition pg 31 figure 1.18

c. Deltoid

d. Subscapularis

8. Which is FALSE regarding cartilage?

Select one:

a. Epiphyseal growth plates are made of hyaline cartilage

b. The labrum of the shoulder is made of fibrocartilage

c. Elastic cartilage has an ordinary blood supply Correct. Moore 6th Edition pg 19

d. Elastic cartilage never calcifies

9. An example of a secondary cartilaginous joint is:

Select one:

a. The knee joint

b. Lower ends of the tibia and fibula

c. An epiphysis

d. The pubic symphysis Correct. Moore 6th Edition pg 26

10. Which of the following descriptions of myotomes is correct?

Select one:

a. Ankle dorsiflexion is by L3 and L4

b. Shoulder adduction and medial rotation is by C5,6 and 7

c. Inversion of the foot is by L4. Correct. Moore 6th Edition pg 696 figure 6.20A

d. Wrist flexion and extension is by C5 and C6