





**Very Important: each part of question must be written in a separate page**

**QUESTION (1) (Thorax).....(20 MARKS):**

A- Discuss the right coronary artery (its origin, course and branches) (6 marks)

B- Draw a diagram for the contents of the superior mediastinum (4 marks)

C- Discuss the Azygos venous system (8 marks)

**D- Problem solving: (2 marks)**

. You are looking at series of axial CTs of one of your patients. Which of the following is the description of structures typically found at the same level as the sternal angle in an axial CT?

a. Junction of the arch of the aorta with right brachiocephalic artery, left common carotid and left subclavian artery

b. Junction of right and left pulmonary arteries with pulmonary trunk

c. Third rib, intervertebral disc T3/4, bifurcation of the trachea, hemiazygos vein draining into superior vena cava

d. Second rib, intervertebral disc T 4/5, bifurcation of trachea, azygos veins joining superior vena cava

e. Second rib, intervertebral disc T 4/5, bifurcation of right and left pulmonary arteries, top of the arch of the aorta

**QUESTION (2) (upper limb).....(20 MARKS):**

A- Discuss the anatomy of the cubital fossa (its boundaries and contents) diagram is needed (6 marks)

B- Mention the anastomosis around elbow (6 marks)

C- Mention the attachments, superficial and deep relations of flexor retinaculum (6 marks)

**D- D- Problem solving: (2 marks)**

A pregnant patient presents with a history of numbness and tingling in her right thumb and index finger during each of her previous four pregnancies. Symptoms are worse in the morning and could be somewhat relieved by vigorous shaking of the wrist. Examination revealed atrophy and weakness of the abductor pollicis brevis, the opponens pollicis, and the first two lumbrical muscles. Sensation was decreased over the lateral palm and the palmar aspect of the first three digits. Numbness and tingling were markedly increased when the wrist was held in flexion for 30 seconds. The symptoms suggest damage to which of the following?

a. The radial nerve

b. The median nerve

c. The ulnar nerve

d. Musculocutaneous nerve

2- Mention the origin (roots) of nerve of your answer?

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QUESTION (3) (Abdomen).....(36 MARKS):

- A- Mention the beginning, course, end and branches of abdominal aorta, diagram is needed. (8 marks)
- B- Describe the openings, boundaries and contents of inguinal canal and compare between the two types of inguinal hernia (8 marks)
- C- Enumerate parts of the extra-hepatic biliary system and mention the relation of common bile duct. (7 marks)
- D- Mention the ligaments of the liver and mention the sites and importance of porto-systemic anastmosis. (8 marks)
- E- Discuss the thoraco-lumbar fascia (5 marks)

QUESTION (4) (Pelvis).....(25 MARKS):

- A- Mention the roots and branches of the sacral plexus. (6 marks)
- B- Describe the anatomy of broad ligament (its borders, subdivisions and contents (6marks)
- C- Discuss the anatomy of the anal sphincters (6 marks)
- D- Describe boundaries and contents of Ischiorectal fossa (7 marks)

QUESTION (5) (general Embryology).....(24 MARKS):

- A- Mention development of the chorion and chorionic villi (8 marks)
- B- Discuss of stages of the Yolk Sac development, its functions and congenital anomalies (8 marks)
- C- Mention the main changes that occurs during second week of pregnancy (8 marks)

Oral Examination:

21/5/2018: At 8.5 o'clock From 1 to 200  
At 10.5 o'clock From 201 to the end of the list

With My Best Wishes  
Dr/ Manal EL-Bermawy 