

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

BUMS LEVEL I – FIRST SEMESTER EXAMINATION – AUGUST 2017

ANATOMY -I

COURSE CODE – AS 1101

INDEX NO:

Date: 26.09.2017

Time: 2 ½ hours

1.45 p.m. – 4.15 p.m.

Answer all questions.

Part I - Structured Questions

1. A 65 year old female presented with a lump in her right breast for 3 years. On examination found to have an enlarged axillary lymph node. After investigations she was found to have carcinoma of the breast.

A. Describe the lymphatic groups found in axilla

(04 Marks)

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B. Name 2 muscles each which contribute to form the following walls of the axilla

a. Medial wall

(0.5 Marks)

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b. Posterior wall

(0.5 Marks)

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C. Radical Mastectomy was performed and accidental long thoracic nerve injury identified,

a. What is the muscle paralyzed due to above nerve injury

(01 Mark)

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b. What is the clinical sign you expected to see in this patient

(01 Mark)

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c. What is the root value of the long thoracic nerve

(01 Mark)

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D. During radical mastectomy pectoralis major muscle is excised. What is the action of pectoralis major muscle?

(02 Marks)

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2.

A. Draw a transverse section through the mid-leg level and name the muscle compartments (2.5 Marks)

B. Draw a labelled diagram of a transverse section through the knee joint. (4.5 Marks)

C. Explain the anatomical reason for necrosis of the femur head following a fracture of femur neck. (03 Marks)

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Part II – Essay Questions

1.
 - A. Describe origin, course and distribution of radial nerve (14 Marks)
 - B. Describe the clinical features you expect to seen in a patient with radial nerve injury at mid arm level (06 Marks)

2. Describe the anatomy of the hip joint (20 Marks)

3. Write notes on the anatomy of the followings,
 - A. Femoral triangle (11 Marks)
 - B. Popliteal fossa (09 Marks)