

**INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA**  
**BAMS LEVEL II – SECOND SEMESTER EXAMINATION – June 2018**

**Shareera Rachana (Anatomy) - IV**

**COURSE CODE – AS 2201**

**Time: 2 1/2 hours**

**(9.45 a.m – 12.15 p.m)**

**Index No**

**Answer all questions**

**Part I - Structured Questions**

1.

1.1 Name all the bones forming orbit

(02 Marks)

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1.2 Name the structures passing through superior orbital fissure.

(02 Marks)

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1.3 What are the signs of third nerve palsy?

(02 Marks)

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2.1 Describe briefly paranasal air sinuses with their clinical importance (03 Marks)

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2.2 Name the structures opening into nasal cavity through lateral nasal wall. (02 Marks)

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2.3 What is Little's area/ Kiesselback's area of nose? (02 Marks)

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3.

3.1 Describe briefly anatomy of fifth (5<sup>th</sup>) cranial nerve (03 Marks)

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3.2 Name muscles of mastication (01 Mark)

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3.3 Discuss briefly corneal reflex (02 Marks)

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4.

4.1 Name the main arteries forming circle of Willis. (02 Marks)

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4.2 Draw a labeled diagram of circle of Willis. (03 Marks)

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4.3 Name two complications of aneurisms arising from circle of Willis. (02 Marks)

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5. Lower limbs have a very rich vascular supply. External iliac artery continues as the femoral artery deep to inguinal ligament to supply blood

5.1 Name 3 superficial branches that arise from femoral artery in the femoral triangle (02 Marks)

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5.2 Profunda femoris artery is a deep branch from femoral artery. Name 3 branches that arise from profunda femoris artery (02 Marks)

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5.3 Mention the vascular arrangement at the apex of the femoral triangle (01 Mark)

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5.4 Venous drainage of the lower limb can be explained in two parts as superficial and deep venous system. Describe the superficial venous system (02 Marks)

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6. Branches from sacral plexus mainly supply to pelvic muscles, muscles of the hip and skin of the buttock and back of the thigh.

6.1 How does sacral plexus originate? (01 Mark)

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6.2 Sciatic nerve is the largest nerve in the body

a. What is the root value of the sciatic nerve (01 Mark)

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b. Name 2 muscles innervated by sciatic nerve (01Mark)

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c. "Lateral border of the sciatic nerve is the safest during surgical exposure of the nerve"  
Explain the above statement (02 Marks)

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6.3 Draw a segmental dermatome distribution of the sole of the foot (02 Marks)

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**Part II – Essay Questions**

1.

1.1. Describe the course of the facial nerve in the cranium and out of the cranium. (10 Marks)

1.2. Explain the neuro-anatomical basis of deviation of mouth to the right side while maintaining the ability to wrinkle the forehead bilaterally in a patient with facial nerve palsy. (10 Marks)

2.

2.1 Describe the anatomy of the knee joint and anastomosis around the knee joint (10 Marks)

2.2 Describe the femoral triangle with its contents and boundaries (10 Marks)

16.07.2018

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