

INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO, RAJAGIRIYA

BAMS LEVEL I – SECOND SEMESTER EXAMINATION – FEBRUARY 2017

SHAREERA RACHANA (ANATOMY) –II

COURSE CODE – AS 1201

Time: 2 ½ hours

1.45 p.m. – 4.15 p.m

Answer all questions.

Index No

Part I - Structured Questions

1. Pelvic girdle is composed of two pelvic bones, sacrum and coccyx held by various joints which in turn reinforced by ligaments.

a. Explain the anatomical position of the pelvis. (01 Marks)

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b. List the structures that contribute to pelvic inlet. (02 Marks)

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c. Draw labeled diagram of pelvic outlet

(02 Marks)

d. List 4 structural adaptations seen in female pelvis for child bearing and delivery.

(02 Marks)

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2. A 35 year old man presented with right side loin to groin type pain with urinary symptoms. Ultrasound scan revealed a calculus in the right ureter.

a. Briefly mention the course and relation of the right ureter.

(02 Marks)

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b. Mention 2 arteries which supply blood for ureter. (01 Marks)

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c. List 3 possible location for calculi to get obstructed in a ureter. (02 Marks)

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d. Explain the anatomical basis of right loin to groin pain in this patient. (01 Marks)

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3. A 65 year old male presented to surgical clinic with an on and off lump in his groin region. After a thorough examination left side direct inguinal hernia was diagnosed.

a. Mention 2 structures each that contribute to form the inguinal canal

i. Anterior wall. (01 Marks)

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ii. Posterior wall. (01 Marks)

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b. What is the corresponding structure for spermatic cord seen in a female? (01 Mark)

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c. Mention 2 anatomical differences between direct inguinal hernia and an indirect inguinal hernia. (02 Marks)

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d. List 4 different structures in spermatic cord. (02 Marks)

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4. a. Name two erectile tissues in the male penis. (02 Marks)

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b. Mention the nerve supply for the penis. (01 Marks)

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c. What is the female counter part for penis

(01 Marks)

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d. Describe the origin course and relation of right ductus deferent.

(02 Marks)

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5.

a. Explain the formation of the portal vein.

(02Marks)

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b. Describe the course and relations of the portal vein.

(02 Marks)

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c. Mention 3 locations where portal system and systemic circulation form anastomoses. (1.5 Marks)

I.
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II.
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III.
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d. Name the vessels involved in above(C) mentioned anastomoses.

(1.5 Marks)

I.
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II.
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III.
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6. Small intestine comprises duodenum, jejunum and ileum.

a. Briefly describe the relations of 3rd part of duodenum.

(02 Marks)

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b. List four differences between jejunum and ileum.

(02 Marks)

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c. List four anatomical factors used to differentiate colon from small intestine.

(02 Marks)

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d. Briefly describe the blood supply of colon.

(01Marks)

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Part II - Essay Questions

1. Draw labeled diagrams and describe followings.

1.1 Abdominal aorta

(12 Marks)

1.2. Arterial supply of stomach

(08 Marks)

2. Write short notes on the anatomy of the following

2.1 Position vasculature and relations of uterus.

(08 Marks)

2.2 Position vasculature innervations of rectum of a female

(08 Marks)

2.3 Vulva

(04 Marks)

06.03.2017