



INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO

DEGREE OF BACHELOR OF AYURVEDA MEDICINE AND SCIENCES

LEVEL I – FIRST SEMESTER SUPPLEMENTARY EXAMINATION

NOVEMBER - DECEMBER 2019

EXAMINATIONS
Institute of Indigenous Medicine
27 NOV 2019
University of Colombo

AS 1102 – SHAREERA KRIYA (PHYSIOLOGY) - I

Date: 27.11.2019

Time : 9.45 am – 12.15 pm

Answer all questions.

Index No

Part I - Structured Questions

1.

1.1 Briefly describe tissue fluid formation at the arterial end of capillary beds (04 Marks)

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1.2 Explain why oedema occurs in the following conditions

(03 Marks)

i) Left ventricular failure

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ii) Chronic kidney disease

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iii) Lymphatic obstruction

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2.

2.1 Briefly describe the process of inspiration at rest

(03 Marks)

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2.2 List Two (02) accessory muscles of expiration during exercise

(01 Mark)

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2.3 What is meant by the term "Cyanosis" ?

(03 Marks)

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3. List the following

3.1 Three (03) hormones produced by the kidney

(1.5 Marks)

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3.2 Three (03) hormones acting on the kidney

(1.5 Marks)

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3.3 Layers of the glomerular filter

(2.5 Marks)

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3.4 Three (03) abnormal constituents of urine along with their significance

(1.5 Marks)

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5.

5.1 Describe physiology of swallowing

(04 Marks)

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5.2 List three (03) types of cells present in gastric mucosa along with one (01) function of each

(03 Marks)

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6. Describe the following

6.1 Factors that shift oxyhaemoglobin curve to the left

(03 Marks)

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6.2 Factors that shift oxyhaemoglobin curve to the right (03 Marks)

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Part II – Essay Questions

- 1. Describe how water is reabsorbed from the glomerular filtrate along different parts of the renal tubule (20 Marks)

- 2. Write an essay on the control of respiration (20 Marks)
