



EXAMINATIONS
 Institute of Indigenous Medicine
 INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO
 DEGREE OF BACHELOR OF AYURVEDA MEDICINE AND SURGERY
 LEVEL II - SECOND SEMESTER EXAMINATION - JULY-AUGUST 2019

NOV 2019
 University of Colombo

EXAMINATIONS
 Institute of Indigenous Medicine
 29 JUL 2019
 University of Colombo

AS 2202 - SHAREERA KRIYA (PHYSIOLOGY) IV

Date : 29/07/2019
Time : 9.45 a.m - 12.15 p.m

Answer all questions.

Index No

Part I - Structured Questions

1.

1.1 List five (05) distinguishing features between local potentials and action potentials.

(05 Marks)

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1.2 Explain the all or none phenomenon with regard to action potential.

(02 Marks)

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2. Explain the mechanisms of perception of following taste modalities.

2.1 Salt

(03 Marks)

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2.2 Sweet

(03 Marks)

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3. Explain the physiological basis of followings.

3.1 When light of a torch falls on right eye both right and left pupils constrict. (03 Marks)

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3.2 In upper motor neuron lesions (UMN), tone of a limb is increased. (03 Marks)

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Part II – Essay Questions

1.

Hemisection of spinal cord was done at cervical segments 4 and 5 levels on the right side. What are the neurological abnormalities present on upper limbs (right and left) and lower limbs (right and left)

(20 Marks)

2.

2.1 Explain how lactic acidosis occurs in following pathological situations

(2.1.1) Myocardial infarction

(05 Marks)

(2.1.2) Severe shock condition

(05 Marks)

2.2 Explain the mechanism of ATP production in electron transport system

(10 Marks)

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