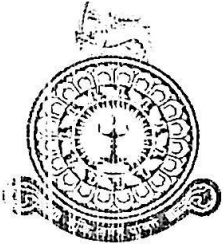


INSTITUTE OF INDIGENOUS MEDICINE, UNIVERSITY OF COLOMBO
DEGREE OF BACHELOR OF UNANI MEDICINE AND SURGERY of Colombo
LEVEL I SECOND SEMESTER (2nd SUP) EXAMINATION
APRIL 2022



AS 1202 - PHYSIOLOGY - II

Date: 19.04.2022

Time: 01. 45 PM – 04.15 PM

Index No

Answer all questions.

Part I - Structured Questions

1.

1.1 List the hormones secreted by the hypothalamus

(02 marks)

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1.2 List four effects of excessive thyroid hormone

(02 marks)

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1.3 List the features of excessive growth hormone in an adult.

(02 marks)

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1.4 Name the hormones secreted by the adrenal gland.

(02 marks)

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2. Explain the physiological basis for

2.1 Jaundice in new born healthy babies.

(2 marks)

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2.2 Hypersplenism in Congenital Spherocytosis.

(2 marks)

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2.3 Recurrent sore throat in Leukaemia.

(2 marks)

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3. Explain

3.1 Edema.

(03 Marks)

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3.2 Give 5 causes for Bradycardia.

(2.5 Marks)

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3.3 Give 5 causes for Tachycardia.

(2.5 Marks)

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4.

4.1 List the functions of neutrophils.

(1 Mark)

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4.2 List the functions of lymphocytes.

(1 Mark)

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4.3 What is packed cell volume and why is it important.

(02 marks)

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4.4 What blood test will distinguish between a viral and bacterial infection.

(02 marks)

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5.

5.1 Name the phases of the endometrium and the hormones that influence it.

(02 Marks)

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5.2 Explain how and why body temperature fluctuates through the menstrual cycle and where it can be of use in birth control practice.

(02 Marks)

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5.3 List the types of birth control available.

(02 Marks)

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6.

6.1 What is Anaemia

(01 Mark)

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6.2 Name the different types of Anaemia

(01 Mark)

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6.3 Mention four effects of Anaemia that are seen on a patient

(02 Marks)

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6.4 Mention the features of red cells in the different types of Anaemia

(02 Marks)

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Part II – Essay Questions

1.
 - 1.1 Explain the phases of the menstrual cycle (04 Marks)
 - 1.2 Explain the actions of the hormones in each phase above (06 Marks)
 - 1.3 List the hormones and effects at male puberty (10 Marks)

2.
 - 2.1 Explain the main differences between the systemic and pulmonary circulations (06 Marks)
 - 2.2 Explain the main differences in the fetal and adult circulations (06 Marks)
 - 2.3 Explain the changes that take place at birth to the circulatory system just after birth (08 Marks)

19.04.2022
