



University of Ruhuna
Department of Nursing
2ndEnd Semester Examination
NPH-1222- Physiology in Nursing
SEQ Paper -Part A

February 2018

Duration: Thirty(30) minutes

Index number:-.....

Part A

1.1

1.1.1 List three functions of ionized calcium in the body (10 Marks)

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1.1.2 Name two hormones important for calcium homeostasis and their main actions (20 Marks)

(a).....

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1.2 A pregnant mother who was admitted to the antenatal ward for a normal delivery complained a clear fluid discharge from her nipples. The doctor told that it is physiological.

1.2.1 Explain the physiological basis of this discharge from her nipples (20 Marks)

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1.2.2 Her hemoglobin level and blood pressure were less than the pre pregnant values

1.2.2.1 Explain the decrease in blood pressure during pregnancy (15 Marks)

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1.2.2.2 Explain the decrease in plasma hemoglobin level during pregnancy (15 Marks)

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1.2 Explain how negative feedback regulation of hormone secretion occurs in the endocrine system using one of the anterior pituitary hormones as an example

(20 marks)

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1.3 Explain the difference between gigantism and acromegaly

(10 marks)

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1.4 Briefly describe the outflow of autonomic nerves from the central nervous system .

(10 marks)

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