

[Handwritten signature]

INDEX NO:

[Empty rectangular box for index number]

Time: 2 1/2 hours

9.45 am. – 12.15 p.m

Answer all questions.

Part I - Structured Questions

(1)

I. Define the term "Anaemia"

(02 Marks)

.....
.....
.....
.....
.....

II. Write three functions of spleen

(1.5 Marks)

.....
.....
.....
.....

III. What do you understand by the term "Haemostasis ?

(02 Marks)

.....
.....
.....
.....
.....

IV. Explain the disease "Haemophilia"

(02 Marks)

.....
.....
.....
.....
.....

V. Name two anticoagulants that are commonly used

(01 Mark)

.....
.....
.....
.....
.....

VI. List three Vit-K dependent anticoagulants

(1.5 Marks)

.....
.....
.....
.....
.....
.....

(2)

I. What is "Sheehan Syndrome"?

(02 Marks)

.....
.....
.....
.....
.....

II. List three functions of thyrocytes

(1.5 Marks)

.....

.....

.....

.....

.....

III. Briefly explain the term "Goiter"

(01 Mark)

.....

.....

.....

.....

IV. Define the term "Graves disease"

(1.5 Marks)

.....

.....

.....

.....

.....

.....

V. What is "Cushing syndrome"?

(02 Marks)

.....

.....

.....

.....

.....

.....

VI. List two functions of mineralocorticoids

(02 Marks)

.....

.....

.....

.....

.....

.....

Part II- Essay Questions

1. a. Define the term "Valsalva Maneuver" (02 Marks)
b. Briefly explain the changes that occur in the cardiovascular system in Valsalva Maneuver (08 Marks)
c. Write notes on baroreceptors in the walls of the blood vessels (10 Marks)

2. a. Write an essay on factors controlling cardiac output (10 Marks)
b. List the types of shock (04 Marks)
c. Discuss the physiological changes and clinical presentations that happen in hypovolemic shock (06 Marks)

3. a. List the hormones that are secreted by hypothalamus (02 Marks)
b. Briefly explain the metabolic effects of growth hormone (06 Marks)
c. Discuss how growth hormone promotes protein deposition in tissues (10 Marks)
d. Enumerate the actions of growth hormone that influence carbohydrate metabolism (02 Marks)

12.03.2019