

P25/P27/HSC124/EE/20160524

Time : 3 Hours

Marks : 80

Instruction :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Write short note on clinical significance of pericardial fluid. 5
 - b) Define Protein and write their sources. 5
 - c) What is disease conditions associated with the low calcium level in the body? 5
 - d) What is the normal value of Arterial PCO₂ and Arterial PO₂. 5
 - e) Write in detail different functions of Mineralocorticoids. 5
2. Solve any **four** sub-questions.
 - a) What is adrenal medulla? List the hormone secreted by it. 5
 - b) Write a short note on obstructive jaundice. 5
 - c) Write the normal level of 5
 - i) Cholesterol
 - ii) HDL Cholesterol
 - d) Write Beer's law and Lamberts law. 5
 - e) What is GTT? Explain the diminish glucose response with the help of GTT graph. 5

3. Solve any **four** sub-questions.
- a) List the types of chromatography. 5
 - b) Describe the components of colorimeter with diagram. 5
 - c) What is endocrine gland? List the names of endocrine glands in the human. 5
 - d) Define the following terms : 5
 - i) Clearance test
 - ii) GFR
 - e) Write the normal level of
 - i) SGOT
 - ii) SGPT 5
4. Solve any **four** sub-questions.
- a) What is lipid profile test? 5
 - b) Which clinical test are used to assess the function of the following organs of the body
 - i) Pancreas
 - ii) Brain 5
 - c) List the important of balance diet. 5
 - d) Write the significances and shape of different osazones. 5
 - e) Write the clinical significance of amylase determination in serum. 5

