

Roll No.

Total No. of Pages : 02

Total No. of Questions : 08

M.Sc.MLT (Biochemistry) (2015 to 2017) (Sem.-3)

ORGAN FUNCTION TESTS

Subject Code : MMLT-301

Paper ID : [E1334]

Time : 3 Hrs.

Max. Marks : 100

INSTRUCTION TO CANDIDATES :

1. Attempt any FIVE questions out of EIGHT questions.
2. Each question carries TWENTY marks.

- 1) a) Explain with the help of a diagram, the structure of adrenal gland. Discuss various hormones secreted, their function and clinical significance.
b) Write a short note on erythropoietin.
- 2) Write short notes on :
 - a) Anatomy of brain
 - b) Anatomy of benign and malignant tumors
- 3) Describe in detail the structure and function of pancreas. Discuss various enzymes and hormones secreted, their function and clinical significance.
- 4) Write detailed notes on :
 - a) Steatorrhoea
 - b) Cardiac markers
 - c) Chronic bronchitis
- 5) a) Give a diagrammatic representation of macroscopic and microscopic anatomy of renal system.
b) Write a short note on atherosclerosis?

- 6) Give a brief account of :
 - a) Spinal cord
 - b) Lab tests to assess adrenocortical function
 - c) Intrinsic factor
- 7)
 - a) Discuss in detail synthesis, regulation and metabolism of thyroid hormones,
 - b) Discuss the pathogenesis of Addison's disease and Grave's disease.
- 8) Write detailed notes on :
 - a) Zollinger-Ellison syndrome
 - b) Cholecystitis
 - c) Diseases of cervix

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