

APRIL 2018

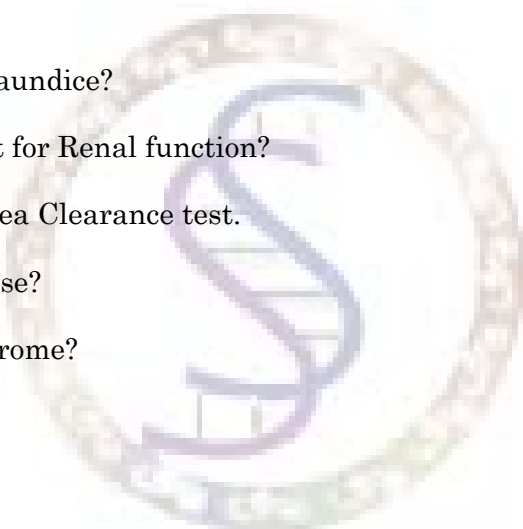
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Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer any TEN questions.

1. Give the normal level of AST.
 2. What are the isoenzymes of CK?
 3. What is amniocentesis?
 4. What is fructoscenia?
 5. What is Cirrhosis?
 6. What are the types of Jaundice?
 7. What is Insulin dye test for Renal function?
 8. Give the formula for Urea Clearance test.
 9. What is Addison's disease?
 10. What is Cushing's syndrome?
 11. Explain Hemodialysis.
 12. What is detoxification?
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SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Explain the enzyme pattern in myocardial infarction.
14. Discuss briefly the causes and symptoms of Tay-Sachs's disease.
15. Briefly explain acute phase proteins.
16. Explain peritoneal dialysis.
17. Briefly discuss the causes and pathology of hypothyroidism.
18. Briefly explain the causes of alkaptonuria with the symptoms.
19. Explain the isoenzymes of LDH.

SECTION C — (4 × 10 = 40 marks)

Answer any FOUR questions.

20. Explain the role of
 - (a) ALP in disease and (5)
 - (b) Amylase in diseases. (5)
21. Explain glycogen storage diseases.

22. Discuss the differential diagnosis of Jaundice.
23. Explain the causes and pathology of Nephrolithiasis.
24. Explain the diagnosis of hypo and hyper thyroidism.
25. Explain the disorders associated with adrenal gland.

