

APRIL 2017

1708214/PBYM42A

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 1 = 10 marks)

Answer any TEN questions.

1. Give the normal value for serum amylase.
2. What is the normal value for GammaGT?
3. What are the causes of phenyl ketonuria?
4. What is prothrombin index?
5. What is Icteric index?
6. What is PSP excretion test?
7. What is fibrosis?
8. What is T-index?
9. What is pheochromocytoma?
10. What is cystic fibrosis?
11. What is Acromegaly?
12. What is Niemannpick's disease?



SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

13. Explain the changes in enzyme activities during liver diseases.
14. Briefly explain galactosemia.
15. Explain briefly the types of hepatitis.
16. Describe creatinine clearance test.
17. Briefly discuss hypopituitarism.
18. Explain CRP and its clinical significance.
19. Briefly explain hemodialysis.

SECTION C — (4 × 10 = 40 marks)

Answer any FOUR questions.

20. Explain the clinical significance of AST and ALT.
21. Briefly explain the autosomal recessive mode of inheritance with reference to cystic fibrosis.
22. Explain the various liver function tests based on excretion and detoxification.
23. Explain acute and chronic renal failure.

24. Explain the causes, pathology and diagnosis of hypogonadism.
 25. Explain the clinical significance of the isoenzymes of CK and LDH.
-

