

B.SC. DEGREE EXAMINATION, APRIL 2018
III YEAR - VI SEMESTER
Core Major - Paper XI - CLINICAL NUTRITION
Time : 3 Hours **Max.marks :75**

Section A ($10 \times 2 = 20marks$)

Answer any **TEN** questions

1. Define the term gluconeogenesis.
2. What is meant by beta oxidation of fatty acids?
3. Define DNA replication.
4. What is known as genetic code?
5. Give a short note on lactose intolerance.
6. Write any two clinical manifestation of gout.
7. What is called as colitis?
8. What is hepatic coma?
9. What is meant by water intoxication?
10. Write a short note on renal calculi.
11. What is dialysis?
12. Define cholecystitis.

Section B ($5 \times 5 = 25marks$)

Answer any **FIVE** questions

13. Write a note on glycolysis.
14. Give an account on types of RNA.
15. Highlight the metabolic defect and clinical manifestations of galactosemia.
16. Enlist the metabolic implications of hepatitis.
17. Elaborate water and electrolyte losses and replenishment.
18. Briefly explain enzymatic defect and clinical manifestations of phenyl ketonuria.
19. Write in detail about cirrhosis of liver.

Section C ($3 \times 10 = 30marks$)

Answer any **THREE** questions

20. Explain biosynthesis of cholesterol.
21. Describe the recombinant DNA technology.
22. Discuss the diabetes mellitus.
23. State the nutritional implications of malabsorption syndrome.
24. Write a note on metabolic and nutritional implication of nephritis.