B.Sc DEGREE EXAMINATION,APRIL 2019
III Year VI Semester
Clinical Nutrition

Time : 3 Hours **Max.marks :75**

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

Answer any **TEN** questions

1. List down the intermediate metabolic products formed in urea cycle.
2. What is gluconeogenesis?
3. Define recombinant DNA technology.
4. What are nucleic acids?
5. Enlist the consequences and clinical features of change in macronutrient metabolism in diabetes mellitus.
6. What is gout?
7. Write a short note on lactose intolerance.
8. What is dumping syndrome?
9. Define glomerular filtration rate.
10. How are kidney stones formed?
11. What is dyspepsia?
12. What are the foods avoided in celiac disease? Give reasons.

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

Answer any **FIVE** questions

13. Explain the oxidation of fatty acids.
14. Explain RNA synthesis.
15. Explain phenylketonuria and its dietary management.
16. Write a note on peptic ulcer.
17. Differentiate between nephritis and nephrosis.
18. What are the nutritional implications of hepatitis.
19. State the factors that cause obstructive and infective jaundice.

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

Answer any **TTHREE** questions

20. Discuss in detail TCA cycle emphasising on ATP production.
21. Describe the steps involved in protein synthesis.
22. Discuss the etiological factors leading to an increased prevalence of diabetes mellitus in India.
23. Elaborate the dietary management involved in the treatment of cirrhosis of liver.
24. What is dialysis? Discuss dietary management in dialysis.

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