

QP CODE: 25050551



Reg No :

Name :

MSc DEGREE (CSS) EXAMINATION, DECEMBER 2025

First Semester

M Sc CLINICAL NUTRITION AND DIETETICS

Core Courses - HS030102 - CLINICAL BIOCHEMISTRY

2019 Admission Onwards

5A7574CF

Time: 3 Hours

Weightage: 30

Part A (Short Answer Questions)

*Answer any **eight** questions.*

Weight 1 each.

1. Clinical manifestations of different types of carbohydrates in urine.
2. Explain ketolysis.
3. Write a note on abnormalities found in protein electrophoresis in various disease conditions.
4. Explain the mechanisms involved in drug- nutrient interactions.
5. What are the signs of being anaemic?
6. Give classification of gastritis.
7. Give an account of antidiarrheal drugs.
8. Write a note on hemodialysing apparatus and the procedure involved.
9. Write a note on alcoholic liver disease.
10. Write a note on pathophysiology and management Cholestasis.

(8×1=8 weightage)

Part B (Short Essay/Problems)

*Answer any **six** questions.*

Weight 2 each.

11. Write a note on elevated lipid profile.
12. Techniques used in the estimation of protein in blood.
13. Explain the disorders associated with acid base balance
14. Write a note on diseases of abnormal coagulation.





15. Distinguish between: Crohn's disease and Ulcerative colitis.
16. Explain the causes, symptoms and pathophysiology of short bowel syndrome.
17. Write a note on abnormal constituents of urine.
18. Which are the pancreas function used to evaluate the functioning of the pancreas?

(6×2=12 weightage)

Part C (Essay Type Questions)

*Answer any **two** questions.*

Weight 5 each.

19. Write a note on TCA cycle, its importance and energetics.
20. Fate of ammonia in the body.
21. Explain the causes, symptoms pathophysiology and management of Constipation.
22. Explain the pathological conditions associated with kidney.

(2×5=10 weightage)

