

**MASTER'S DEGREE (C.S.S) EXAMINATION, MARCH 2025**  
**2020, 2021, 2022 ADMISSIONS SUPPLEMENTARY**  
**Food Science And Nutrition SEMESTER IV - ELECTIVE COURSE**  
**ND4E02TM20 - Paediatric Nutrition**

**Time : 3 Hours**

**Maximum Weight : 30**

**Part A**

**I. Answer any Eight questions. Each question carries 1 weight**

**(8x1=8)**

1. What is pediatric assessment triangle?
2. Brief on Kangaroo mother care.
3. Brief on growth faltering.
4. Explain about mineral deficiencies seen in children?
5. Write a note on treatment of PKU.
6. Explain the types of GSD.
7. What is gluten enteropathy?
8. Explain osmotic diarrhoea.
9. Write a note on benefits of keto diet in epilepsy.
10. Discuss on the nutritional management of renal failure.

**Part B**

**II. Answer any Six questions. Each question carries 2 weight**

**(6x2=12)**

11. Discuss on biochemical parameters and its relevance.
12. Explain about biochemical tests for PEM and Vitamin A.
13. Brief on congenital heart disease and its types.
14. What are common micro nutrient deficiencies found in children and its nutritional management?
15. Explain the cause of childhood obesity.
16. Brief on glycogen storage disorder and its management.
17. Discuss symptoms and complications of Wilson's disease
18. Discuss ketogenic diet.

**Part C**

**III. Answer any Two questions. Each question carries 5 weight**

**(2x5=10)**

19. Describe about various nutritional anthropometric methods. Explain its advantages and disadvantages.
20. Explain nutritional care management of homocystienemia, galactosemia and underweight.
21. Discuss causes and nutritional management of constipation and diarrhoea.
22. Detail on the role of ketogenic diet in epilepsy.