

**2023**

**M.Sc**

**4th Semester Examination**

**CLINICAL NUTRITION AND DIETETICS**

**PAPER : CND-402**

**( Paediatric and Geriatric Nutrition with  
Nutrition in Critical Care )**

*Full Marks : 50*

*Time : 2 hours*

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers  
in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

Answer from **all** the Groups as directed.

**GROUP—A**

Answer *any* **four** questions from the following :

2×4=8

1. What is cystic fibrosis?

( 2 )

2. What is exclusive breastfeeding?
3. Why complementary feeding starts at six months?
4. Define childhood obesity.
5. What do you mean by commercial formula of packaged milk?
6. What is food allergy?

### GROUP—B

Answer *any four* questions from the following :

4×4=16

7. Briefly discuss the letdown reflex of milk ejection. 4
8. State briefly the benefit of breastfeeding in infants. 4

( 3 )

9. Write a short note about cow milk based formula for bottle feeding. 4
10. What is dental caries? Write the causes of it. 2+2=4
11. How do you modify cow milk for infant feeding? What is growth faltering? 3+1=4
12. Write briefly about the care of preterm infant. Write briefly about the problems of elderly women after menopause. 4

### GROUP—C

Answer *any two* questions from the following :

8×2=16

13. Discuss the causes and interventions of childhood obesity. 4+4=8
14. How do you sterilize a feeding bottle? Write briefly about boiling and chemical sterilization method of feeding bottle. 2+3+3=8

( 4 )

15. When are infants recommended for bottle feeding? How are mothers being benefited by breastfeeding? What is steam sterilization? What is ketogenic diet? 4+2+1+1=8
16. Write briefly about causes, symptoms and dietary management of cystic fibrosis. 2+3+3=8

[ Internal Assessment : 10 Marks ]

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