

2022

M.Sc.

4th Semester Examination

CLINICAL NUTRITION & DIETETICS

PAPER—404

DIETARY MANAGEMENT OF

DISEASES - PART IV

Full Marks : 50

Time : 2 Hours

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

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

Illustrate the answers wherever necessary.

Group-A

Answer any four questions.

4×2

1. Write the fundamental cause of 'Inborn error of metabolism'.

(Turn Over)

2. What are the cut off values of plasma levels of phenylalanine and tyrosine of neonatal baby?
3. Define 'Ebb phase' of trauma.
4. What do you mean by 'Septicemia'?
5. Write any two symptoms of Parkinson's disease.
6. Why is opportunistic infection noted in HIV patients?

Group-B

Answer any *four* questions. 4×4

7. State metabolic defect of phenylalanine of PKU infant mentioning the role of concerned enzymes.
8. Write the 'Nine rules' of burn.
9. Write any two formula for energy computation of burn patients.

10. State the metabolic defeats noted in 'Maple Syrup Uring Disease'.
11. What do you mean by Glycogenstorage disease? Write its complication. 2+2
12. Write briefly on the dietary management of Perkinson's disease.

Group--C

Answer any *two* questions. 2×8

13. Describe the different steps adopted for therapeutic diet preparation of PKU Child.
14. Discuss pathophysiology and dietary management of the patient suffering from 'Alzeimer's disease'. 3+5
15. Why are vitamin A and protein considered as important nutrients in therapeutic diet formulation of burn patient. 4+4

16. Discuss the pathogenesis of HIV infection. State briefly about major dietary recommendations for HIV patients on the basis of their energy expenditure. 5+3

[Internal Assessment - 10 Marks]
