

2023

M.Sc.

4th Semester Examination

CLINICAL NUTRITION AND DIETETICS

PAPER : CND-404

(Dietary Management of Diseases - Part IV)

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 do you mean by galactosemia?

(2)

2. Define 'flow phase' of trauma.
3. Write 1st degree and 2nd degree of burn.
4. What do you mean by 'Phenck'?
5. 'HIV positiveness does not imply existence of AIDS'. Justify.
6. What is neurofibrillary tangle?

GROUP—B

Answer *any four* questions from the following :

4×4=16

7. Discuss the enzymes which become defective in galactosemia.
8. State the importance of unsaturated fat diet for the management of burn patient.

(3)

9. Write the importance of formulated food for dietary management of PKU patient.
10. "Gene mutation results onset of inborn error of metabolism". Justify.
11. State the different stages of Alzheimer's disease.
12. Discuss the conventional treatment strategy of Parkinson's disease.

GROUP—C

Answer *any two* questions from the following :

8×2=16

13. How do you calculate energy requirement of an individual of whom 40% body surface area has been burned, suffering from trauma and gender is male? Discuss the energy source of such patient using F-100 monomeric solution. When is F-75 monomeric solution selected for such management?

4+2+2=8

(4)

14. Discuss the major approaches for dietary management of galactosemia patient. 8
15. Write the symptomatic appearance of Parkinson's disease. Discuss the dietary management of Parkinson's disease. 3+5=8
16. How does HIV virus multiply in host cells? Give a brief outline of dietary strategy for PLWHA. 4+4=8

[Internal Assessment : 10 Marks]

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