

M. Sc. 4th Semester Examination, 2024

CLINICAL NUTRITION & DIETETICS

(Dietary Management of Inheritable Diseases,

Renal and Respiratory Diseases)

PAPER – CND-403

Full Marks : 50

Time : 2 hours

Answer all questions

The figures in the right hand margin indicate marks

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

GROUP – A

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

1. What is the main cause of PKU ? Define Phenex. 2 × 4
1 + 1
2. What is meant by extrapulmonary tuberculosis ? 2

(Turn Over)

3. Write the 'Abb phase' due to burn. 2
4. Write the nine rules of burn. 2
5. Why is oedema noted due to glomerulonephritis? 2
6. What are the environmental factors that increase the probability of renal stone formation? 2

GROUP - B

Answer any **four** of the following questions : 4 × 4

7. Describe the reasons of pathophysiology due to IEM in general. 4
8. Write the biochemical model of galactosemia in brief mentioning the concerned enzymes. 4
9. State the MSUD mentioning the interfering steps of biochemical pathway. 4

10. "Glomerulonephritis is associated with proteinuria and oliguria" Justify the statement with proper reasons. 2 + 2
11. Describe the nutritional care service given to burn patient admitted in CCU upto its shifting to general bed. 4
12. What is senile plaque ? How is it developed in Alzheimer's disease ?

GROUP - C

Answer any **two** of the following questions : 8 × 2

13. (a) "Water intake management in diet therapy of glomerulonephritis is most critical". Justify the statement covering the strategies adopted for this purpose. 4
- (b) Write the major steps adopted for dietary management of a PKU child. 4

14. Discuss about the pathogenesis of tuberculosis with special reference to granulomatous growth. State the different mode of transmission of HIV. Discuss briefly about the dietary intervention of people living with HIV/AIDS. 3 + 2 + 3
15. Discuss the importance of pre-surgical nutritional care to the patient. Describe the importance of protein in the post-surgical state through diet. 4 + 4
16. Write the symptoms, risk factors and treatment of Parkinson's disease. 3 + 2 + 3

[Internal Assessment – 10 Marks]
