

2016

M.Sc.

4th Semester Examination

CLINICAL NUTRITION & DIETETICS

PAPER—CND-404

Full Marks : 40

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.

Answer Question No 1 and any three of the following.

1. Answer any *five* of the following : 2×5

- (a) What is hallucination ?
- (b) Write the name of a disease where dementia is common.
- (c) What is BCAA disorder ?

(Turn Over)

- (d) Write the location concerned gene of phenylketonuria.
 - (e) Write the protein composition of Nucleocapsid of HIV virus.
 - (f) What is the difference between congenital and genetically transmitted disease ?
 - (g) What is tangles ?
 - (h) Write the full form of FODMAP.
2. (a) State the defect in enzyme system indifferent types of hyperphenylalaninaemias.
- (b) Discuss the the molecular basis of inborn error of metabolism.
- (c) State the dietary principle in the management against lactose intolerance with merits and demerits of different dietary intervention in this disease.

3+3+4

3. How HIV invades into the host cells, multiply and destroy the cells. – Describe with diagrammatic representation.

10

4. Discuss the dietary manifestation of asymptomatic, symptomatic patients suffering from AIDS along with the patients those who are under antiretroviral therapy.

10

5. (a) How do you do diagnosis of an infant suffering from galactosaemia ?
- (b) State the dietary management of galactosaemia affected infant and child.
- (c) Discuss the guideline for the therapeutic management of infant surviving from MSUD.

2+4+4

6. (a) Discuss the symptoms of Alzheimer's disease in different stage of the disease.
- (b) Discuss the neuropathology of Alzheimer's disease with special reference to the amyloid proteins.
- (c) State briefly the dietary guideline of Alzheimer's disease.

4+3+3