

2015

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 ten of the following : 1×10

- (a) What is housekeeping gene?
- (b) What is meant by congenital disease?
- (c) What is epigenetics?

(Turn Over)

- (d) What is Lysosomal storage disease ?
- (e) Mention the temperature at which body proteins start to break down.
- (f) What is inflammation ?
- (g) What is STD ?
- (h) What is dementia ?
- (i) Write the full form of TBSA.
- (j) What is MSUD ?
- (k) What do you mean by trauma ?
- (l) Write the full form of PAH.
- (m) What is seizures ?
- (n) Write the name of two autosomal recessive metabolic genetic disorders.
- (o) Write the name of the protein deposited in brain in Alzheimer's disease.

2. (a) Differentiate trauma and sepsis.
- (b) Discuss the energy demand of a traumatic patient.
- (c) State the dietary guideline of sepsis with special reference to enteral and paraternal feeding. 4
3. (a) What types of strategy you will take during the formulation of diet chart of HIV positive children and adult?
- (b) What do you mean by ebb (1st) and flow phase of burn?
- (c) Write the location of gene of PKU patient. 5+3+2
4. (a) Write the recommendation of WHO for the therapeutic diet formulation of PKU patient.
- (b) State the different schools of opinion regarding in born error of metabolism mediated health deviation.
- (c) 'One gene one enzyme' — Justify the statement. 4+4+2

5. (a) What is the pathophysiological cause of Alzheimer's disease ?
- (b) State the strategic intervention in the formulation of diet of a patient with Alzheimer's disease.
- (c) State the symptoms of Perkinson's disease.

4+4+2
