

**2016**

**M.Sc.**

**4th Semester Examination**

**CLINICAL NUTRITION & DIETETICS**

**PAPER—CND-402**

*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) Write the full form of TPN and PPN.
- (b) Which amino acid is supplemented in monomeric amino acid solution prepared from casein?
- (c) What type of G.I. disorder would be noted due to chronic parenteral nutrition care?

*(Turn Over)*

- (d) What is weaning diarrhoea ?
  - (e) What do you mean by nutrition assessment sensor ?
  - (f) What do you mean by nutritional programme ?
  - (g) Define growth faltering.
  - (h) Write the names of any two metabolic linked special problem noted in elderly woman.
  - (i) Write the names of any two causative factors for childhood obesity.
  - (j) Write the names of Ig molecules present in colostrum.
  - (k) What do you mean by FFT ?
  - (l) What do you mean by ASD ?
  - (m) What is the cause of ECC ?
  - (n) Write the names of any two 'Cow's milk-Based Infant Formula'.
  - (o) Which amino acid is essential for infant but not for adult ?
2. (a) Write the critical conditions when parenteral nutrition care is indisputable.

- (b) Why fructose is major monomeric carbohydrate in parenteral solution than glucose ?
- (c) Why Parenteral and enternal feeding both are preferred simultaneously to provide nutritional support to the patient ? 3+3+4
3. (a) State in brief about 'Attention Deficit Hyperactivity Disorder'.
- (b) Write in brief the importance of Calcium in child's diet from the view point of bone health and obesity.
- (c) Describe the importance of breakfast in Pre-school children. 4+3+3
4. (a) Write the features of good biochemical sensors assessing nutritional status.
- (b) Why biochemical sensors are preferred for nutritional status assessment than others ?
- (c) State the importance of interlinkage between clinical and dietary data. 3+4+3
5. (a) What is dental caries ?
- (b) State the causative factor of dental caries.

- (c) Write in brief the dietary modification for the prevention of dental caries in Pre-school children.

2+3+5

6. (a) What do you mean by policy ?
- (b) State the steps adopted for programme preparation in the field of nutrition.
- (c) Write the implementation of programme for health benefit of geriatric persons in our community.

2+5+3

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