

**2016**

**M.Sc.**

**3rd Semester Examination**

**CLINICAL NUTRITION & DIETETICS**

**PAPER—CND-304**

*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 Q. No. 1 and any three of from the rest.*

**1. Answer any ten questions of the following: 10×1**

**(a) What is auto immunity?**

*(Turn Over)*

- (b) What is Barrett's esophagus?
- (c) Name the gene associated with rheumatoid arthritis.
- (d) What is acid reflux?
- (e) What is bland diet?
- (f) How do you classify insulin?
- (g) What is the application of colonoscopy?
- (h) Write the full form of SLE.
- (i) What is the meaning of 'Flatus'?
- (j) What do you mean by belching?
- (k) What is the causative agent of cholera?
- (l) State two categories of IBD.
- (m) When cauliflower and broccoli should be restricted in diet?
- (n) When you will give soya milk to an individual?
- (o) Write the name of one  $\omega$ -6 and  $\omega$ -3 fatty acids.

2. (a) Describe the immunological basis of RA with special reference to glycosylation defect at  $F_C$  part of an immunoglobulin molecule.

(b) Discuss the dietary guideline for a RA patient with special reference to the use of fish oil.

5+5

3. (a) Classify Colitis.

(b) Enumerate the gaseous composition of 'Flatus'.

(c) What are the different causes of flatulence? Which food should be restricted in these patients?

4+1+(3+2)

4. Describe the aetiology and symptoms of lupus with its types and dietary management.

3+2+1+4

5. (a) Briefly discuss the factors regulating GERD.

(b) Discuss the different symptoms and complication of GERD.

(c) How do you recommend a standard life style management procedure to these patients?

3+3+4

6. (a) Classify IBS with its features.

(b) Justify the dietary guideline in different types of IBS from the angle of FODMAP restriction in any type.

4+6

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