

**CND 3rd Semester Examination, 2019**  
**CLINICAL NUTRITION AND DIETETICS**

**PAPER—CND-303**

*Full Marks : 40*

*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*

*Illustrate the answers wherever necessary*

1. Answer any *four* questions : 2 × 4
- (a) What is acid reflux ?
  - (b) What is regurgitation ?
  - (c) Define SIBO.

- (d) Mention the causes of aerophagia.
- (e) Make comparative statement between diarrhoea and colitis.
- (f) Enumerate your idea about cholera toxin.
- (g) What is empirical diet ?
- (h) Differentiate jaundice and hepatitis.

2. Answer any *four* questions : 4 × 4

- (a) Briefly discuss the pathophysiology of oesophageal reflux disorder.
- (b) Mention the composition of gases normal developed in the guts. Mention the volume of gases formed everyday.
- (c) Discuss the role of serotonin and SIBO during IBS.
- (d) What is meant by Barratt's oesophagus and hiatal hernia ?
- (e) State the justification of life style management in GERD patient.

- (f) How does *H. Pylori* survive inside high stomach acid ?
- (g) Mention the role of FODMAP diet and fibers in regulating the symptoms of IBS.
- (h) Why is proper maintenance of homocysteine suggested in patient with RA and how do you manage it by dietary nutrients ?

3. Answer any *two* questions : 8 × 2

- (a) Briefly enumerate the epidemiological features of IBS. How do you avoid flatulence by controlling inclusion and rejection of different foods ? 4 + 4
- (b) Discuss the role of defective glycosylation in the progression of RA. State the impact of overnutrition and under nutrition in RA patient with special reference to the role of PUFAs and vitamins. 4 + 4
- (c) What is obstructive jaundice ? What is the cause of Wilson's disease ? How do you perform dietary modification for a patient with Wilson's disease ? 2 + 2 + 4

- (d) Write the different causative agents of diarrhea. Write phase wise nutritional care of diarrhoeal patient. Why are diarrhoeal disorders corrected more effectively by probiotics. 2 + 4 + 2
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