

2015

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: 1×10

- (a) Write the name of an two soluble dietary fibres.
- (b) What is the appropriate ratio of W-6 : W-3 fatty acids to be maintained in diet of an adult person ?
- (c) What is IBD ?

(Turn Over)

- (d) What is meant by FODMAD ?
 - (e) Write the composition of ORS.
 - (f) Name the causative organism of hepatitis.
 - (g) State why tomato is avoided in GI disorder.
 - (h) Name any two diseases where leguminous food is restricted.
 - (i) What is bland diet ?
 - (j) Write the name of two contributing dietary factor responsible for decrease of LES pressure.
 - (k) What is Barrett's Esophagus ?
 - (l) Name two causative factors of osteoarthritis.
 - (m) What is meant by inflammation of an organ ?
 - (n) What is 'pea soup' stool ?
 - (o) What is Crohn's disease ?
2. (a) Write the importance of tea liquor in the management of diarrhoeal hazards.

- (b) State the cellular basis of water and electrolyte secretion from G I epithelium in diarrhoea.
- (c) Write the composition of G I gas of flatus.

4+4+2

3. (a) What is Hiatal hernia ?
- (b) Mention different dimensions of life style management to control GERD.
- (c) Write comparative statement of gastric & duodenal ulcers.
- (d) State the different behavioral and dietary management of PUD. 2+2+3+3
4. (a) Classify IBS.
- (b) Discuss the management of IBS with special reference to lactose in tolerance and constipation.
5. (a) Describe the pathogenesis of TRA.

(b) Mention the critical features of dietary management of RA with reference to the importance of fish oil in RA diet. 5+5

6. (a) State the symptoms of ulcerative colitis.

(b) Name the factors responsible for alteration of nutritional status in patient with IBD.

(c) Discuss the dietary management of 'ulcerative colitis' with justification of vitamin B12 and folate supplementation. 2+2+6