

M.Sc. 3rd Semester Examination, 2018

CLINICAL NUTRITION AND DIETETICS

PAPER — CND-303

Full Marks : 40

Time : 2 hours

Answer Q.No.1 and any three questions from the rest

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 *all* questions of the following with correct choice : 1 × 10

(a) Esophageal stricture may generate due to

(i) IBS

(Turn Over)

(2)

- (ii) GERD
 - (iii) RA
 - (iv) Lupus.
- (b) Hyaluronic acid decreases in
- (i) Osteoarthritis
 - (ii) Gout
 - (iii) RA
 - (iv) GERD
- (c) 5 HT₃ antagonists are used in
- (i) GERD
 - (ii) Diarrhoea
 - (iii) Flatulance
 - (iv) IBS
- (d) Albumin requires to get entry of
- (i) Conjugated bilirubin in liver
 - (ii) Unconjugated bilirubin in liver
 - (iii) Ligandin in liver
 - (iv) None of the above

(e) Wilson disease is due to the alteration of

(i) Copper transport

(ii) Iron transport

(iii) Sodium transport

(iv) K^+ transport

(f) For the detection of seronegative RA it is essential to test.

(i) Cardiolipin antibody

(ii) RF-factor

(iii) Anti-CCP

(iv) Anti-dsDNA

(g) Beans should be avoided in

(i) GERD

(ii) Flatus

(iii) Colitis

(iv) RA

(h) IBS requires

(i) Soft diet

- (ii) Emperical diet
 - (iii) Liquid diet
 - (iv) Soya milk
- (i) Risk factor of 'Rota virus' infection increases due to the deficiency of
- (i) Vitamin A
 - (ii) Vitamin B₁₂
 - (iii) Vitamin D
 - (iv) Vitamin E
- (f) Peptic ulcer involves
- (i) Stomach
 - (ii) Esophagus
 - (iii) First part of small intestine
 - (iv) All of the above
2. (a) Classify different types of IBS.
- (b) What is IBS rome criteria ?
- (c) Briefly state the pathophysiology of IBS.

(5)

(a) What types of dietary guideline you should follow in different types of IBS patients.

1 + 2 + 4 + 3

3. (a) What is SLE ?

(b) Elaborate the immunological basis of RA.

(c) State the dietary guidelines of RA. 2 + 5 + 3

4. (a) Discuss the different types of jaundice.

(b) How do you treat the GERD disorder by diet and life style management ?

5 + 5

5. (a) Differentiate gastric ulcer and peptic ulcer.

(b) What is ulcerative colitis ?

(c) How does *Helicobacter pylori* and NAISD form in testinal ulcer ?

(d) What should be basic dietary guidelines for a ulcer patient ?

2 + 2 + 3 + 3

(6)

6. (a) What do you mean by osmotic diarrhoea and antibiotic diarrhoea ?
- (b) State the phase wise supply of nutrients in cholera patient.
- (c) How will you differentiate the severe dehydration from mild dehydration due to diarrhoea. 2 + 6 + 2
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