

**MASTER OF SCIENCE (DIETETICS AND  
FOOD SERVICE MANAGEMENT)**

**Term-End Examination**

**June, 2015**

**MFN-005 : CLINICAL AND THERAPEUTIC  
NUTRITION**

*Time : 3 hours*

*Maximum Marks : 100*

*Note : Answer five questions in all. Question No. 1 is compulsory. All questions carry equal marks.*

1. (a) Define or explain briefly the following in  
1 - 2 lines : 10x1=10
- (i) Ketoacidosis
  - (ii) Bariatric surgery
  - (iii) Sodium restricted diets
  - (iv) Dysphagia
  - (v) Anaphylaxis
  - (vi) Hirsutism
  - (vii) MUFA
  - (viii) ORT
  - (ix) NSAIDS
  - (x) Pancreatitis
- (b) Differentiate between the following : 5x2=10
- (i) Hemodialysis and peritoneal dialysis
  - (ii) Gastric and duodenal ulcers
  - (iii) Nutritive and non nutritive sweeteners
  - (iv) Primary and secondary hypertension
  - (v) Peripheral vein feeding and total parenteral nutrition

2. (a) What is the relevance of nutritional assessment of patients in hospitals ? Enlist the various methods that can be used and explain one method in detail. 10
- (b) Explain the preoperative nutritional care of surgical patients. 5
- (c) What do the routine hospital diets consist of ? 5
  
3. (a) Describe the dietary management in chronic fever condition with a suitable example. 10
- (b) Discuss the nutritional management in anorexia nervosa. 6
- (c) What are the modifiable risk factors in CHD ? 4
  
4. (a) What are the consequences of obesity ? 5
- (b) What are the dietary recommendations for liver cirrhosis ? 8
- (c) Discuss enteral feeds and their specific characteristics. 7
  
5. (a) What is the dietary management for a patient with chronic renal failure ? 10
- (b) Discuss the etiology, clinical features and nutritional management in Parkinsons disease. 6
- (c) List the various theories relevant to dietary counselling. 4

6. (a) What are the symptoms in celiac disease ? 7  
Discuss the nutritional management in celiac disease.
- (b) What is the differences between food 6  
intolerance and food allergy ? What are the symptoms of food allergy ?
- (c) What is the body's physiological response 7  
to injury ? List the metabolic aberrations during and after a trauma.
7. (a) Discuss the dietary management in diabetes 10  
mellitus.
- (b) What are the general guidelines for 10  
nutritional requirements that you can follow for cancer patients ?
8. Write short notes on **any four** of the following :
- (a) Nutrient and drug interaction 4x5=20
- (b) Phenylketonuria
- (c) Dietary management in gout
- (d) Glycemic index of foods
- (e) Physiological changes in old age
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