

**MASTER OF SCIENCE  
(DIETETICS AND FOODSERVICE MANAGEMENT)**

**Term-End Examination, 2019**

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

**Time : 3 Hours]**

**[Maximum Marks : 100**

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

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1. (a) Name any two conditions when parental nutrition is indicated [2]
- (b) What is AIDS wasting syndrome ? [2]
- (c) What is the cause of typhoid ? [1]
- (d) Enlist five therapeutic diets. [2½]
- (e) Give any five symptoms of food allergy. [2½]
- (f) Mention any two clinical or metabolic manifestation of underweight. [2]



- (g) Give any four clinical, medical complications linked with Bulimia. [2]
- (h) Give one example each of oils rich in monosaturated, n-6 PUFA, n-3 PUFA and saturated fatty acid. [2]
- (i) Mention any four inborn errors of protein metabolism. [2]
- (j) Name any two main constituents of renal stones and give their corresponding diet restriction. [2]
2. (a) Write a brief note on routine hospital diets. [10]
- (b) Present the nutritional care you would advocate for a patient suffering from tuberculosis. [10]
3. (a) What are the special feeding methods available for meeting the nutritional goals in critically ill patients? Explain highlighting the advantages and disadvantages of each method. [10]
- (b) Elaborate on the pre-operative and post-operative nutritional care of a patient undergoing surgery. [10]

4. Explain the following briefly giving examples :

[5+5+5+5=20]

- (a) Food elimination is a tool for diagnosing food allergy.
  - (b) Drugs can affect nutritional status
  - (c) Dietary components implicated as risk factors in cancer.
  - (d) Consequences of obesity
5. (a) Comment on the energy intake you would advocate for an obese and an underweight individual. [10]
- (b) Briefly describe the role of water insoluble and water soluble fibres in the management of life style diseases, giving appropriate examples. [10]
6. (a) Present the classification and dietary management of hypertension among adults. [10]
- (b) Briefly comment on the modifications in the diet with respect to the following in case of common renal disorders : [10]

- (i) Proteins
- (ii) Electrolytes
- (iii) Fluids

7. (a) Present the nutritional medical therapy for hepatic coma. [10]
- (b) What special dietary considerations would you keep in mind for management of : (i) Peptic ulcer  
(ii) Chronic gastritis. [5+5=10]

8. Write short notes on **any four** of the following :  
[5+5+5+5=20]

- (a) Dietary management of galactosemia
- (b) Use of food exchange system in the management of diabetes mellitus
- (c) Nutritional management of epilepsy
- (d) Dietary guidelines for management of coliac diseases
- (e) Lipoproteins in the blood

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