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MFN-005

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

Term-End Examination, 2019

MFN-005 : CLINICAL AND THERAPEUTIC NUTRITION

Time : Three Hours]

[Maximum Marks : 100

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

1. (a) Give one example for each of the following : [5]
- (i) Type of Therapeutic Diet
 - (ii) Nutrient Deficiency Disorder
 - (iii) Symptom of Liver disease
 - (iv) Lipoprotein associated with increased risk of Atherosclerosis
 - (v) Nutrient restricted in person with high Blood Urea Nitrogen (BUN)

(b) Fill in the blanks.

- (i) _____ is the curative organism of Tuberculosis.
- (ii) The normal diastolic pressure of an adult woman is _____ mm hg.
- (iii) _____ is an example of Acute Fever.
- (iv) _____ is a ranking of foods based on the post prandial blood glucose response.
- (v) _____ is a disease of abnormality in the purine metabolism.

(c) Differentiate between the following : [10]

- (i) Enteral and Parenteral feeding
- (ii) Off Phase and Flow Phase of stress response
- (iii) Food allergy and Food intolerance
- (iv) Fibre Residue in Foods
- (v) Gohn's disease and Ulcerative Cellitis

2. (a) What is HIV infection ? Give the Nutrition Medical Therapy for the same. [10]
- (b) What is the role of the Dietitian in Nutrition Care? [10]
3. (a) What are the risk factors of Cancer ? Explain briefly. [10]
- (b) Briefly present the nutrition support you will provide for a patient with leucemia. [10]
4. (a) Enumerate the possible risk factors and complications of obesity and overweight. [10]
- (b) Briefly describe the Nutritional Management of Type-II Diabetes Mellitus. [10]
5. (a) What points would you keep in mind while planning a diet / meal for a patient suffering from Cardiovascular disease ? Comment on the Diet Therapy. [10]
- (b) Write a brief note on the Nutrition Medical Therapy for a Peptic Ulcer patient. [10]
6. (a) Give a brief account of Common Renal Disorders. [10]

- (b) Present the nutritional requirement and nutritional therapy you will provide for a patient suffering from Liver Cirrhosis. [10]
7. (a) What Dietary advice would you give to individuals suffering from the following disease : [5+5]
- (i) Maple Syrup Urine Disease
- (ii) Gout
- (b) What is a Ketogenic diet ? Explain highlighting the foods to be included and avoided in a ketogenic diet ? Who and why would you recommend this diet for ? [10]
8. Write short notes on **any four** of the following : [5+5+4+5]
- (a) Gluten Free diet : Uses and challenges.
- (b) Diet therapy for treatment of diverticulosis.
- (c) PLU food pyramid
- (d) Nutritional Management of Anorexia nervosa
- (e) Classification and dietary management of hypertension.

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