

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

[AHS 1023]

**OCTOBER 2023**

**Sub. Code: 1312**

**M.Sc. CLINICAL NUTRITION  
SECOND YEAR (From 2020-2021 onwards)  
PAPER II – CLINICAL NUTRITION & DIETETICS**

*Q.P. Code: 281312*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 100 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Discuss the causes, symptoms and nutritional requirements for the patients suffering from acute and chronic renal failure.
2. Define Hypertension. State the types of hypertension. What are the underlying causes of Atherosclerosis? Discuss the dietary guideline for the prevention and treatment of Atherosclerosis.

**II. Write notes on:**

**(10 x 6 = 60)**

1. Differentiate between type I and type II diabetes mellitus. What type of dietary care should be taken for the patients suffering from type II diabetes?
2. What is Hepatitis? Discuss the basic dietary management of hepatitis.
3. Define flatulence. Discuss the aetiology, clinical manifestation and its dietary management.
4. What is the significance of pre-operative diet? Discuss the reasons for increased protein requirements after surgery.
5. Discuss the pathophysiology of fever. Explain its causes, symptoms and nutritional requirement during long term fever.
6. Discuss various types of enteral nutrition. Discuss the drawbacks of long term use of enteral feeding.
7. Differentiate between (a) Bulimia Nervosa and Anorexia Nervosa, (b) Clear fluid and full fluid diet and (c) Duodenal Ulcer and Gastric Ulcer.
8. Define obesity. Discuss its causes, symptoms and dietary management.
9. Explain on the causes, symptoms and dietary management of osteoporosis.
10. Write in detail on effect of food, nutrients and nutritional status on absorption and metabolism of drugs.

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