

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

[AHS 0321]

MARCH 2021

Sub. Code: 1312

(OCTOBER 2020 EXAM SESSION)

M.Sc. CLINICAL NUTRITION

SECOND YEAR (From 2012-2014 onwards)

PAPER II – CLINICAL NUTRITION AND DIETETICS

Q.P. Code : 281312

Time: Three hours

Answer ALL Questions

Maximum: 100 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Write in detail about carcinogenesis, cancer therapies and treatments, its side effect and nutritional managements.
2. Mr.X 50year old, who is known case of chronic liver disease. Height-160 cm, Weight-40kg, albumin 2g/dl, What is the dietary principles for this patient? Plan a day's menu and write about foods to be avoided.

II. Write notes on:

(10 x 6 = 60)

1. Define nephrolithiasis, write about the dietary risk factor for it, explain about acid ash diet and alkaline ash diet.
2. Explain in detail about the objectives and nutritional management for protein losing enteropathy.
3. Explain the followings
 - a) Dyslipidemia
 - b) DASH diet
 - c) Atherosclerosis
4. What are the steps involved in the nutritional care plan process and briefly explain each process.
5. Write short notes on the followings
 - a) Elimination diet
 - b) Anorexia nervosa
 - c) Bulimia
6. Plan a day's menu for a man who is recently diagnosed to have HIV positive, he lost 10 kg weight in 3 months Height 158cm Weight 35kg.
7. What is the difference between
 - (i) Hypoglycemia and Reactive hypoglycemia.
 - (ii) Dawn phenomenon and Somogyi effect.
8. Discuss about physical characteristic of enteral formulas and what are advantages of home-based formulas?
9. Nutritional management and dietary intervention for patient with 25% of burns.
10. Explain the following inborn errors of metabolism with dietary management
 - a) Galactosemia
 - b) Glycogen storage disease
