

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
M.Sc. Winter 2019-2020 Examination

Semester: 3
Subject Code: 11209206
Subject Name: Therapeutic Nutrition-1

Date: 07/12/2019
Time: 02:00 pm to 04:30 pm
Total Marks: 60

Instructions:

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

- Q.1. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
 (a) Dietary guidelines to manage Diabetes Mellitus
 (b) Nutritional requirements in case of Diabetes Mellitus
- Q.1. B) Answer the following questions (Any two)**
 (a) Short note/ Brief note (2x2) (Each of 02 marks) (04)
 1. Glycemic Index
 2. Glycemic Load
 (b) Ketonuria (04)
 (c) Low Calorie Sweeteners (04)
- Q.2. A) Answer the following questions.**
 (a) Fill in the blanks. (Each of 02 marks) (04)
 1. Activity factor for women is _____ and men is _____
 2. _____ and _____ are regarded as body weight regulatory hormones.
 (b) What is Insulin Resistance? (04)
- Q.2. B) Answer the following questions (Any two)**
 (a) Multiple choice questions. (Each of 01 marks) (03)
 1. Sodium intake is to be not more than _____ g daily. (1 /2 /6 /9)
 2. _____ is an oral hypoglycemic drug used in treatment of Diabetes Mellitus (Sulphonylurea / metabisulphite / telmiride-AM / Chloramphenicol)
 3. _____ of the following is not an advisable strategy for weight loss and weight maintenance (quackery / diet therapy / pharmacotherapy /surgery)
 (b) Write a short note on Types of Hypertension (03)
 (c) Write a short note on Grades of Obesity (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
 (a) Symptoms of Diabetes Mellitus
 (b) Enlist all strategies for prevention of Obesity and Explain any ONE in detail.
- Q.3. B) Answer the following questions (Any two)**
 (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2) (Each of 02 marks) (04)
 1. Enlist all possible causes of Overweight / Obesity
 2. Justify ONE Cooking Method to be preferred and ONE Cooking Method to be avoided in case of Obesity
 (b) Causes Of Hypertension (04)
 (c) Enlist 4 categories risk factors for cardiovascular disease (04)
- Q.4. A) Answer the following questions.**
 (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)
 1. LDL/HDL Ratio in Men
 2. LDL/HDL Ratio in Women
 (b) Write a short note on Dietary Modification immediately after Myocardial Infarction (04)
- Q.4. B) Answer the following questions (Any two)**
 (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)
 1. _____ increases risk of CHD. (garlic/ fish / coffee/ red wine)
 2. _____ is not promoted in DASH diet (fish/ fruits/ vegetables/ sodium)
 3. _____ is not a long term complication of Diabetes Mellitus (Infections/ ketoacidosis/ cataract / nephropathy)
 (b) Write a short note on functional Foods for Coronary Heart Disease (CHD) (03)
 (c) Write a short note on Hypercholesterolemia (03)