

**PARUL UNIVERSITY**  
**FACULTY OF APPLIED SCIENCE**  
**M.Sc., Summer2018-19 Examination**

**Semester: 2**  
**Subject Code: 11209157**  
**Subject Name: Diet therapy for chronic disease**

**Date: 10/04/2019**  
**Time: 10:30 am to 01:00pm**  
**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) Hypertension and its pathophysiology of hypertension  
 (b) Factors responsible for obesity
- Q.1. B) Answer the following questions (Any two) (04)**  
 (a) Short note/ Brief note (2x2)(Each of 02 marks) (04)  
 1. Underweight and factors affecting underweight  
 2. Difference between parental and eternal nutrition  
 (b) Short note- Obesity (04)  
 (c) Short note- Overweight (04)
- Q.2. A) Answer the following questions. (04)**  
 (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)  
 1. What is clear fluid diet ?  
 2. Define – Diabetes mellitus  
 (b) Short note- Causes of heart disease (04)
- Q.2. B) Answer the following questions (Any two) (03)**  
 (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)  
 1. A certain gland or organ doesn't work right in a person who has type 1 diabetes. Which gland or organ is it?  
 a. Pituitary glands  
 b. Pancreas  
 c. Adrenal glands  
 d. Kidneys  
 2. Two of the main types of diabetes are type 1 and type 2. How many people with diabetes have type 2?  
 a. 30%  
 b. 40%  
 c. 50%  
 d. 90%  
 3. The risk factors for type 2 diabetes mellitus include  
 a. Family history  
 b. Being overweight  
 c. High intake of dietary fat  
 d. All the above  
 (b) Short note- Management of obesity (03)  
 (c) Short note- Dietary guidelines for hypertension (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**  
 (a) Long term complications in diabetes mellitus  
 (b) Complication with eternal nutrition
- Q.3. B) Answer the following questions (Any two) (04)**  
 (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2) (Each of 02 marks) (04)  
 1. What is DASH?  
 2. What is systolic and diastolic blood pressure?  
 (b) Enlist hospital diets and explain any 1 in detail (04)  
 (c) Short note- types of obesity (04)

**Q.4. A) Answer the following questions.**

(a) Fill in the blanks. (Each of 02 marks)

**(04)**

1. Rich sources of Vitamin B are \_\_\_\_\_

2. Threshold value of diabetes in fasting plasma \_\_\_\_\_ mg/dl

(b) Short Note-Risk factors of hyperlipidemia

**(04)**

**Q.4. B) Answer the following questions (Any two)**

(a) Multiple choice questions. (Each of 01 marks)

**(03)**

1. The obesity in which the fat is accumulated in upper part of the body

- a. Android obesity
- b. Gynoid obesity
- c. Juvenile onset obesity
- d. Reactive onset obesity

2. This is done by passing a tube into the stomach or duodenum through the nose

- a. Nasogastric feeding
- b. Gastrostomy feeding
- c. Both (A) or (B)
- d. None

3. Keeping your diabetes under control early on will help you prevent complications that may come up later. People with diabetes are at increased risk of developing which of these?

- a. Heart disease
- b. Nerve disease
- c. Cancer
- d. Both A and B

(b) What are dietary guidelines for diabetes?

**(03)**

(c) Difference between soft diet and full fluid diet

**(03)**