

PARUL UNIVERSITY
FACULTY OF APPLIED SCIENCE
M.Sc., Winter 2019-20 Examination

Semester: 1**Subject Code: 11209114****Subject Name: Diet related NCDs management****Date: 27-11-2019****Time: 10:30 am to 01:00 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) Write a short note on gout arthritis.
 - (b) Which kind of dialysis is preferred to a business man who is continuously travelling?
Describe it in detail.
- Q.1. B) Answer the following questions (Any two)**
- (a) Short note/ Brief note (2x2)/ Schematically label the figures (2x2) (Each of 02 marks) (04)
 1. Which kind of eating habits leads to obesity?
 2. Describe the concept of reducing diet.
 - (b) Short note on dietary management during glomerulonephritis.. (04)
 - (c) Short note on any for functional food for CHD. (04)
- Q.2. A) Answer the following questions.**
- (a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) (04)
 1. Short note behavior therapy during obesity.
 2. How much calories should be burn in to loose 3kgs weight in a month?
 - (b) Short note on role of fat in the development of atherosclerosis. (04)
- Q.2. B) Answer the following questions (Any two)**
- (a) Short note/ Multiple choice questions. (Each of 01 marks) (03)
 1. Insulin deficiency is associated with

a. Reduced lipolysis	c. Increased ketogenesis
b. Reduced gluconeogenesis	d. Reduced proteolysis
 2. The best long term solution for kidney disease is

a. Dialysis	c. Both a and b
b. Kidney transplant	d. None
 3. Low level of ---- mineral cause body to retain water and sodium which can elevate blood pressure.

a. Calcium	c. Magnesium
b. Potassium	d. Sodium
 - (b) Short note on acidosis during chronic renal failure. (03)
 - (c) Short note on physical activity and diabetes. (03)
- Q.3. A) Essay type/ Brief note (4x2) (Each of 04 marks) (08)**
- (a) Which hormones play an important role in the endocrine regulation of appetite and body weight?
 - (b) Write a short note on glycemic index.
- 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. A brief note on importance of weight management.
 2. Dietary guidelines for obesity.
 - (b) Short note on role of *W*-3 fatty acids. (04)
 - (c) Explain the role of potassium during hypertension. (04)

Q.4. A) Answer the following questions.

(a) Short note/ Brief note (2x2)/ Fill in the blanks. (Each of 02 marks) **(04)**

1. Nephrosis is distinguished clinically from glomerulonephritis by the consistent absence of ----- And -----.
2. Kidneys also produce -----, which is essential for synthesis of RBC. Kidneys are exclusive site for the production of vitamin-----.

(b) Short note on quackery in Obesity treatment. **(04)**

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

(a) Short note/ Multiple choice questions. (Each of 01 marks) **(03)**

1. Define grade I obesity.
2. Explain the Renin cascade during low blood pressure.
3. What is the function of diuretic hormone?

(b) Short note on bio chemical assessment of renal function. **(03)**

(c) Short note on biochemical assessment of blood glucose levels. **(03)**