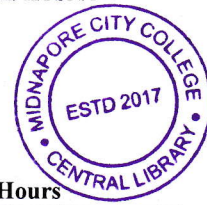


PG CBCS
M.Sc. Semester-II Examination, 2022
DEPARTMENT OF FOOD SCIENCE & NUTRITION
 PAPER: FSN 203
(DIETARY MANAGEMENT OF DISEASES)

**Full Marks: 40****Time: 2 Hours****Write the answer for each unit in separate sheet**

The figures in the right-hand margin indicate full marks.
 Candidates are required to give their answers in their own words as far as practicable.

GROUP-A

- 1. Answer any two questions:** **2 X 8=16**
- a) Why diabetic is known as a metabolic disorder? Write the justification of carbohydrate and fat intake for the patients suffering from diabetes mellitus. 2+6
 - b) Why sodium intake is restricted in hypertension? How atheroma is developed in our body? 4+4
 - c) Write the major causes of glomerulonephritis? Why diabetic people are more prone to develop kidney failure? 4+4
 - d) Write the role of polyphenols and antioxidants for the management of cancer. Write about the modification on protein and fluid intake in renal failure patients. 4+4

GROUP-B

- 2. Answer any four questions:** **4 X 4=16**
- a) Write the role of RAAS system for controlling blood pressure level.
 - b) Why diabetic people are often losing their body weight?
 - c) How does acute kidney injury is further developed to ESRD?
 - d) What are the natural defense system present in our body that prevent ulceration?
 - e) Briefly discuss about mechanism of transplant rejection in our body.
 - f) Write the pathophysiology of rheumatoid arthritis.
 - g) Write the role of phytosterols for the treatment of CVD.
 - h) Write the role of NSAIDS for causing ulceration in the GI tract.

GROUP-C

- 3. Answer any four questions:** **4 X 2=8**
- a) What do you mean by polyphagia and polydipsia?
 - b) Define hemochromatosis.
 - c) Write the name of oral antidiabetic drug commonly used to treat diabetes mellitus-Type-2.
 - d) What do you mean by Nephrotic syndrome?
 - e) What do you mean by Anaphylaxis?
 - f) What are the pro and anti-apoptotic proteins that responsible for causing cancer?
 - g) What do you mean by membranoproliferative glomerulonephritis?
 - h) Why arthritis is known as an autoimmune disease?
