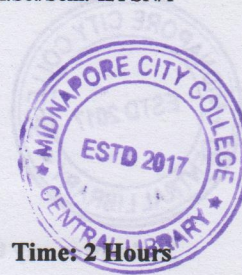


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**PG (NEW) CBCS**  
**M.Sc. Semester-II Examination, 2019**  
**FOOD SCIENCE & NUTRITION**  
**PAPER: FSN-203**  
**(DIETARY MANAGEMENT OF DISEASES)**

Full Marks: 40

Time: 2 Hours



**1. Answer any four questions from the following: 4×2=8**

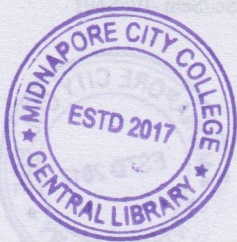
- a) What is anaphylactic shock?
- b) Role of ORS for diarrhoea prevention.
- c) What are the causes of Type –II diabetes melitus?
- d) Write the name of different type of cell that responsible for HCL secretion.
- e) What is post antibiotic diarrhoea in children?
- f) What is ischemic colitis?
- g) Write the complication of jaundice and viral hepatitis.
- h) Write the importance of GLUT.

**2. Answer any four questions from the following: 4×4=16**

- a) Briefly discuss about the pathogenesis of Rheumatoid Arthritis.
- b) State the basic principle of DASH diet.
- c) Write down the dietary modification of diarrhoea patient.
- d) Polyphagia is a symptom of diabetes mellitus –Justify it.
- e) Briefly discuss about the food allergic reaction with interaction with food allerge.
- f) What are the natural defensive process operated in stomach to prevent ulceration?
- g) How does alcohol cause liver damage?
- h) What are the formulated diet prescribed for ulcer patients?

(Turn over)





(2)

3. Answer any two questions from the following:

8×2=16

- a) i) How does insulin receptor sensitizing drugs to execute their action?  
 ii) Write the importance of PUFA and MUFA in diet for management of diabetes.  
 iii) Mention the energy distribution pattern for intermediate acting insulin therapy. 3+3+2
- b) i) Mention the genetical basis of cancer.  
 ii) Write down the different stages of cancer.  
 iii) State the role of organic sulfur compound and for the prevention of cancer. 2+3+3
- c) i) Classify burn according to the affected total Body surface area (TBSA).  
 ii) classify burn on the basis of depth of injury.  
 iii) Discuss about the nutritional requirement of burn patient for quick recovery. 2+2+4
- d) i) State the Rome criteria for IBS.  
 ii) How do you separately manage IBS<sub>c</sub> and IBS<sub>d</sub> by dietary modification.  
 iii) What is FODMAP? 3+4+1

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