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PG CBCS
M.SC. Semester-II Examination, 2021
FOOD SCIENCE & NUTRITION
 PAPER: FSN 203
 (THERAPEUTIC NUTRITION AND DIETETICS)

Full Marks: 40

Time: 2 Hours

Answer any FOUR questions:

10X4=40

1. Write the role of RAAS system in blood pressure regulation. Why sodium intake is restricted in hypertension? Write the complications of hypertension. 2+4+4
2. How does alcohol intake cause liver damage? Write the complications of liver cirrhosis. What do you mean by hemachromatosis? 4+4+2
3. What are the natural defensive processes present in our GI tract for ulceration prevention? How does NSAIDS cause peptic ulcer? What are the different formula diets available for the management of peptic ulcer? 3+4+3
4. What do you mean by sensitization and food hypersensitivity? Discuss about the IgE mediated food allergies. What do you mean by Idiosyncratic reactions? 4+4+2
5. Discuss the nutritional support for the management of burn patients.
6. Discuss about the genetical basis of cancer mentioning any two biomarkers.
7. What are causes of Type 2 diabetes mellitus? What do you mean by OGTT? Write the dietary principle adopted for the formulation of diet chart for a diabetic patient. 4+2+4
8. Explain the pathophysiology of Gout? Write the dietary guidelines that should be followed for the management of an arthritis patient. 5+5
