

Foods Science & Nutrition

[P.G.]

(M.Sc. Fourth Semester End Examinations-2024)

[Regular & Supplementary Paper]

PAPER-MFSN 401

Full Marks: 40

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable.

Illustrate the answers wherever necessary.

Group A

1. Answer any five questions of the following: 2x5= 10

- a. What is osmotic diarrhea?
- b. Differentiate between gastric and duodenal ulcer.
- c. Write the causes of GERD.
- d. Why dietary fibre is essential for diabetic patient?
- e. What is secondary hypertension?
- f. What do you mean by atherosclerotic plaque?
- g. What is nephritic syndrome?
- h. Write the complication of hyperlipidaemia.

(2)

Group B

2. Answer any four questions of the following:

5x4= 20

- a. What are the common risk factors for developing CVD.
- b. Write the features of DASH diet with special reference to energy requirement in 4 different stages.
- c. Write the metabolism of HDL particle.
- d. State the dietary guidelines for management of ulcer patient.
- e. Write the clinical features of IBS. Write the role of dietary fibre in constipation management. 2+3
- f. Explain why Glucose is added in ORS preparation for management of subject with diarrhoea. Why zinc is required for diarrhoea management? 2½ +2½

Group C

3. Answer any one question of the following:

1x10=10

- a. Draw and state the mechanism of statin for the management of hyperlipidemia. Write the role of DPP4 in pathophysiology of diabetes mellits. 5+5
 - b. Write a pathophysiology of hypertension. What are the symptoms of ulcer. Suggest the dietary guidelines for a patient with IBS. 5+2+3
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