



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – FOOD CHEMISTRY AND FOOD PROCESSING

SECOND SEMESTER – APRIL 2022

PFP 2602 – MANAGEMENT OF LIFESTYLE DISEASES

Date: 24-06-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART – A

(10×3 = 30 Marks)

Q. No

Answer ALL the Questions

- 1 Define health. What are the various concepts of health?
- 2 List any six differences between a communicable and a non-communicable disease.
- 3 Mention the eating disorders in the preschoolers, school goers and adolescents.
- 4 What are epidemic and pandemic diseases? Give examples.
- 5 Define an exotic and nosocomial disease. Give examples.
- 6 What is a risk factor? Mention its types.
- 7 Classify diabetes mellitus.
- 8 What is the end result of diabetes and hypertension on kidney?
- 9 How does insulin maintain the normal blood glucose level?
- 10 Diagrammatically represent the sources of glucose and its utilization.

PART – B

(5×8= 40 Marks)

Answer ALL the Questions

- 11 (a) Explain in brief the nutritional assessment tools used in the Nutrition Care process. (8)
(OR)
- (b) Write a note on non-communicable diseases under the following heads: (5)
 - (i) Types and characteristics (3)
 - (ii) Risk factors (2)
- 12 (a) (i) Define hypertension. (2)
(ii) Give the classification and complications of hypertension. (6)
(OR)
- (b) What are the risk factors associated with insulin resistance?
- 13 (a) Discuss the diagnostic criteria for metabolic syndrome according to organizations. (8)
(OR)
- (b) What are the nutritional considerations for the elderly? (8)
- 14 (a) Explain in brief the nutritional considerations for diabetes mellitus. (8)
(OR)

- (b) Discuss the nutritional needs for chronic kidney disease. (8)
- 15 (a) What are the measures you can take to improve your community health status? (8)
- (b) Elaborate the role of different cells in the progression of peptic ulcer. (6)
- Diagrammatically represent the H. pylori and its characteristics. (2)

PART – C

(2×15 = 30 Marks)

Answer any TWO Questions

- 16 Explain in detail the additional nutritional needs during pregnancy. (15)
- 17 Diagrammatically represent and explain the atherosclerotic formation and explain the ATP III treatment plan for atherosclerosis. (15)
- 18 Discuss the spectrum of liver diseases and its nutritional therapy. (15)
- 19 Explain the nutritional needs for cancer patients. (15)

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