



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

SECOND SEMESTER – APRIL 2017

16PFP2ES02- MANAGEMENT OF LIFESTYLE DISEASES

Date: 28-04-2017
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part A

Answer all the questions.

10 x 2 = 20 marks

1. List the ways to prevent an infectious disease.
2. Mention the four components of the nutrition care process.
3. Give any two examples of medications impacting nutrient absorption.
4. What are the major modifiable risk factors listed by WHO for the onset of noncommunicable diseases?
5. What are the dimensions of a Human Development Index (HDI)?
6. Define secondary hypertension.
7. List out the risk factors in cancer cell prognosis.
8. Mention the various causative factors involved in the development of non alcoholic liver diseases.
9. List any four dietary principles for the management of NIDDM (Non-Insulin Dependent Diabetes Mellitus).
10. State the reason for restricted fluid intake between dialysis treatments.

Answer any eight questions.

8x5=40 marks

11. What are appetite suppressants and stimulants? Illustrate the role of appetite suppressants in our system.
12. Differentiate communicable and non-communicable diseases.
13. Explain with any two suitable examples the difference between nutritional and medical diagnosis of a disorder.
14. What is COPD (Chronic Obstructive Pulmonary Disease)? Highlight the common risk factors for the disease.
15. What are the various components that describe the concept of health?
16. Briefly discuss the impact of nutrients on drug metabolism in our body with examples.
17. What are the characteristics and types of non-communicable diseases?
18. Explain the types and the causes of cardio vascular diseases.
19. Write a note on the risk factors of hypertension disorders.
20. Describe the role of diet in renal failure.
21. Write a note on functional GI tract disease.
22. Discuss briefly on (IDDM) Insulin dependent diabetes mellitus.

Part C

Answer any four questions.

4x 10=40 marks

23. Explain the ways in which medications affect the nutrients in our system.
24. Explain briefly the following using flowcharts:
 - a. Causation of a non-communicable disease due to change in lifestyle
 - b. Modes of transmission of communicable diseases
25. Discuss the nutrition assessment process with suitable examples.

26. Discuss the etiology, physiological symptoms, and dietary modifications of the following abnormalities.

i) Cancer (5marks)

ii) Obesity (5 marks)

27. Explain the complications of cardio vascular diseases. How can diet play an important role to overcome CVD?

28. Discuss the following:

i) Post Infectious irritable bowel syndrome. (2.5 marks)

ii) Role of various mutagenic agents in inducing metastasis (2.5 marks)

iii) Wilsons' disease (2.5 marks)

iv) Gilbert's syndrome (2.5 marks)

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