



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

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

THIRD SEMESTER – NOVEMBER 2022

PFP 3601 – SUSTAINABLE FOOD MANAGEMENT

Date: 02-12-2022

Dept. No.

Max. : 100 Marks

Time: 09:00 AM - 12:00 NOON

PART – A

Q. No Answer ALL the questions

(10×3 = 30 Marks)

- 1 Highlight centralization and decentralization task with respect to unity in command and direction.
- 2 List the possible work simplification techniques.
- 3 What is meant by food security?
- 4 Define Agro forestry and Agro ecology.
- 5 Mention the advantages of cost control.
- 6 Mention the roles of NDRI and CFTRI.
- 7 What is meant by Machinery evaluation?
- 8 List the roles of World food programme towards achieving zero hunger.
- 9 If you are buying 10 oranges for Rs.5 each, and selling 8 Oranges for Rs. 8 each, calculate the ending inventory and CoGS for Oranges, also calculate the profit margins, if any.
- 10 Cost of a chicken Burger is Rs.200, Sales being Rs.250, calculate the food cost percentage for the chicken burger.

PART – B

Answer ALL the questions

(5×8= 40 Marks)

- 11 (a) Describe the relative importance of each type of skills for the lower, middle and upper level managers.

(OR)

- (b) Enumerate the characteristics of decision making.

- 12 (a) Explain the channels of distribution with suitable examples.

(OR)

- (b) Explain the various product pricing strategies.

- 13 (a) Depreciation using the straight-line method, subtract the asset salvage value (what you expect it to be worth at the end of its useful life) from its cost. The result is the depreciable basis or the amount that can be depreciated. Divide this amount by the number of years in the asset useful life span. By using the mentioned clue: Calculate the depreciation amount for a pasta extruder.

(OR)

- (b) Write a note on the energy, fuel and waste with regard to food industries in relation to Environmental degradation.
- 14 (a) If cost price is greater than the selling price, what would be the consequence? How would you effectively forecast your business plan, and tabulate your investigations and findings in order to run your company into a profit zone.

(OR)

- (b) Discuss the sustainable development goals set by FAO.
- 15 (a) Enumerate the changing food consumption patterns in India.

(OR)

- (b) Describe the food based dietary approaches to combat malnutrition.

PART – C

Answer any TWO questions

(2×15 = 30 Marks)

- 16 (a) Explain 14 principles of management defined by Henry Fayol. **(10)**
- (b) Enumerate the food manufacturing scenario in India. **(5)**
- 17 (a) Explain the advantages and disadvantages of Public distribution system. **(8)**
- (b) Comment on Green revolution and what are the strategies adopted by the father of green revolution in India. **(7)**
- 18 (a) Enumerate the strategies adopted for food cost control. **(5)**
- (b) Explain VISION 2020, and India's commitment to the world on food policies **(10)**
- 19 (a) Comment on the food security bill, 2013. **(10)**
- (b) Write a note on IFPRI policy towards Women's empowerment. **(5)**
