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Name: ..........................

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

**First Semester BCOM CA Degree Examination, November 2025**

**COM1FM105(1) - Business Start-up Essentials**

(FYUGP 2024 Admission onwards )

Time: 1 ½ hours Max. Marks : 50

**PART – A**

All questions can be attended.

Each question carries **Two** mark.

**Ceiling -16 Marks**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 1 | Explain copy right. | CO2 | Remember | 2 |
| 2 | Define customer needs. | CO4 | Understand | 2 |
| 3 | Mention any two objectives of a mission statement. | CO2 | Remember | 2 |
| 4 | Discuss competitive advantage. | CO4 | Understand | 2 |
| 5 | Define target market. | CO1 | Remember | 2 |
| 6 | State two benefits of financial planning. | CO1 | Analyze | 2 |
| 7 | Who are angel investors? | CO3 | Analyze | 2 |
| 8 | Mention any two pricing strategies. | CO1 | Understand | 2 |
| 9 | Define intellectual property. | CO2 | Remember | 2 |
| 10 | Define business ethics. | CO4 | Analyze | 2 |

**PART – B**

**All questions can be attended.**

**Each question carries six marks.**

**Ceiling -24 Marks**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 11 | Explain the significance of generating business ideas in entrepreneurship. | CO1 | Remember | 6 |
| 12 | Discuss the essential components of a business plan. | CO3 | Analyze | 6 |
| 13 | Analyze the role of angel investors in funding start-ups. | CO1 | Analyze | 6 |
| 14 | Explain the importance of pricing strategies. | CO2 | Understand | 6 |
| 15 | Discuss the basic features of contract act. | CO4 | Apply | 6 |

## PART - C

**Answer any *one* questions.**
**Each question carries Ten marks.**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 16 | Explain how to evaluate market opportunities and identify customer needs with examples. | **CO2** | **Analyze** | **10** |
| 17 | Discuss intellectual property rights and their importance for start-ups. | **CO4** | **Analyze** | **10** |

**1 x 10 = 10 Marks**

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Name: ..........................

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

**First Semester BCOM CA Degree Examination, November 2025**

**ECO1MN102 - Foundations of Managerial Economics**

(FYUGP 2024 Admission onwards )

Time: 2 hours

Max. Marks : 70

**PART – A**

All questions can be attended.
Each question carries **Three** mark.
**Ceiling -24 Marks**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 1 | Define Managerial Economics. | CO1 | Understand | 3 |
| 2 | State the meaning of Break-even Point. | CO2 | Remember | 3 |
| 3 | Describe Opportunity Cost. | CO2 | Analyse | 3 |
| 4 | State the Law of Demand. | CO4 | Analyse | 3 |
| 5 | Write two determinants of demand. | CO1 | Understand | 3 |
| 6 | Explain Market Supply. | CO1 | Remember | 3 |
| 7 | Define Isoquants. | CO3 | Analyse | 3 |
| 8 | Write the meaning of Cost Concepts. | CO1 | Analyse | 3 |
| 9 | Define Marginal Cost. | CO1 | Remember | 3 |
| 10 | Explain Total Revenue. | CO3 | Analyse | 3 |

**PART – B**

All questions can be attended.
Each question carries **six** marks.
**Ceiling -36 Marks**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 11 | Explain the scope of Managerial Economics. | CO2 | Understand | 6 |
| 12 | Discuss Elasticity of Demand and its degrees. | CO4 | Understand | 6 |
| 13 | Explain the concept of Elasticity of supply. | CO1 | Remember | 6 |
| 14 | Discuss the Law of Variable Proportion. | CO1 | Analyse | 6 |
| 15 | Explain Economies of Scale. | CO3 | Analyse | 6 |

| | | | | |
|---|---|---|---|---|
| 16 | Write short notes on Short-run Cost Curves. | **CO1** | **Understand** | **6** |
| 17 | Discuss Revenue Concepts: Total, Marginal, Average. | **CO3** | **Remember** | **6** |
| 18 | Discuss determinants of Law of Demand. | **CO2** | **Analyse** | **6** |

**PART - C**

Answer any *one* questions.
Each question carries **Ten** marks.

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 19 | Explain the various techniques of Demand Forecasting. | **CO3** | **Understand** | **10** |
| 20 | Discuss the role of a Managerial Economist in Decision Making. | **CO4** | **Apply** | **10** |

**1 x 10 = 10 Marks**

(10)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

**First Semester BCOM CA Degree Examination, November 2025**

**STA1MN111- Fundamentals of Data Analysis**

(FYUGP 2024 Admission onwards )

Time: 2 hours Max. Marks : 70

**Course Outcome Mapping Scheme**

| Q.NO | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| COS | CO1 | CO3 | CO2 | CO4 | CO3 | CO3 | CO3 | CO6 | CO3 | CO1 |
| Q.NO | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| COS | CO1 | CO4 | CO3 | CO4 | CO6 | CO2 | CO6 | CO5 | CO2 | CO4 |

## PART-A

**[All questions can be attended. Each question carries 3 marks]**

1. Distinguish between discrete and continuous data.
2. Find the geometric mean of 2 , 8 and 4
3. Write the procedure for constructing a discrete frequency distribution.
4. Define quartile deviation.
5. How will you calculate AM for grouped and ungrouped frequency distribution?
6. Define Harmonic mean.
7. What do you mean by the term measures of central tendency?
8. Explain any three arithmetic or mathematical operators in R with suitable example code and their results.
9. Find the median of the following data:
   15, 22, 13, 25, 18, 20, 30, 24, 16, 28
10. Differentiate between qualitative and quantitative data.

**(Ceiling: 24 Marks)**

## PART-B

**[All questions can be attended. Each question carries 6 marks]**

11. Define secondary data. Explain its different sources.
12. The blood serum cholesterol levels of 10 patients are given below. Calculate the mean deviation about mean and median

    220, 230, 240, 250, 260, 270, 280, 255, 265, 290.
13. Calculate the mode for the following data

| Marks | 0-20 | 20-40 | 40-60 | 60-80 | 80-100 |
|---|---|---|---|---|---|
| No of students | 7 | 12 | 21 | 10 | 15 |

14. Define mean deviation. List out its merits and demerits.
15. Explain how you would calculate mean, median and mode in R for a given data set. Mention the functions used and how to handle missing values.
16. Define frequency distribution. Explain the steps in forming a continuous frequency distribution.
17. Explain various data input methods in R.
18. Define partition values. Explain quartiles, deciles, percentile and their interrelationships.

**(Ceiling: 36 Marks)**

## PART-C

**[Answer any one. Each question carries 10 marks]**

19. Draw the histogram and frequency polygon to the following data

| Class | 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30-35 |
|---|---|---|---|---|---|---|---|
| frequency | 3 | 6 | 5 | 12 | 15 | 13 | 10 |

20. (i) Define standard deviation

    (ii) Calculate the coefficient of variation of the following two series and find which series is more consistent

| | | | | | | |
|---|---|---|---|---|---|---|
| Series A | 10 | 18 | 32 | 40 | 22 | 18 |
| Series B | 18 | 22 | 40 | 32 | 18 | 10 |

**(1x10= 10 Marks)**

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

**First Semester BCOM/BCOM CA Degree Examination, November 2025**

**COM1CJ101 - Management Principles and Applications**

(FYUGP 2024 Admission onwards )

Time: 2 hours Max. Marks : 70

**PART – A**

All questions can be attended.

Each question carries **Three** mark.

**Ceiling -24 Marks**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 1 | Define management. | CO1 | Remember | 3 |
| 2 | Brief any two functions of management. | CO2 | Understand | 3 |
| 3 | What is a plan? Briefly explain any two types of plans? | CO2 | Understand | 3 |
| 4 | What are the challenges faced in organizational planning? | CO3 | Apply | 3 |
| 5 | Define delegation of authority and state its importance. | CO4 | Analyse | 3 |
| 6 | What is meant by management by exception? | CO1 | Remember | 3 |
| 7 | Differentiate between formal and informal communication. | CO4 | Analyse | 3 |
| 8 | What are the key traits of a good leader? | CO2 | Understand | 3 |
| 9 | Describe any techniques for self-motivation | CO6 | Create | 3 |
| 10 | Define conflict and mention its main types. | CO1 | Remember | 3 |

## PART - C

**Answer any *one* questions.**
**Each question carries Ten marks.**

| | | COs | Knowledge Level(KL) | Marks |
|---|---|---|---|---|
| 16 | Explain how to evaluate market opportunities and identify customer needs with examples. | CO2 | Analyze | 10 |
| 17 | Discuss intellectual property rights and their importance for start-ups. | CO4 | Analyze | 10 |

**1 x 10 = 10 Marks**