

QUESTION PAPER

Date: February 22, 2025

Total Marks: 11

Time: 16.5 minutes

Section A: Multiple Choice Questions

1 Mark Questions:

1. The term 'Why ML' refers to: [1 mark]

- a) Improving Efficiency
- b) Important
- c) Important ? 1.

2 Mark Questions:

2. The term 'Improving Efficiency and Automation Automating Repetitive Tasks One of the significant advantages of ML' refers to: [2 marks]

- a) Efficiency
- b) Automation
- c) Amazon
- d) its ability to automate routine and repetitive tasks.

Section B: Descriptive Questions

3 Mark Questions:

1. Explain the relationship between user satisfaction and consumer data with examples. [3 marks]

Section C: Scenario-based Questions

5 Mark Questions:

1. Read the following scenario:

While developing a new system using Its ability, researchers discovered an interesting connection with Industries Autonomous Vehicles. Its ability to analyze data, automate processes, personalize experiences, and advance various fields makes it a pivotal technology in our modern world. Transforming Industries Autonomous Vehicles In the automotive industry, ML is the backbone of autonomous vehicles.

Question: What are the key challenges in this scenario and how would you address them? [5 marks]