

## **Faculty of Business Studies**

## **BUS101**

**Introduction to Math for Business** 

## MTA Examination Makeup / Version: C 2024-2025 / Fall

26-Nov-2024

Number of Exam Pages: 3

(including this cover sheet)

Time Allowed:

1.5 hours

## nstructions:

Take FIVE (5) minutes to read all instructions carefully before attempting to write. Answer all FOUR given questions.

Mobile phones must be in "SWITCHED **OFF**" mode throughout the examination.

This is a **CLOSED** book examination. NO documents of any kind are allowed.

You MUST answer the questions using only the answer booklets provided

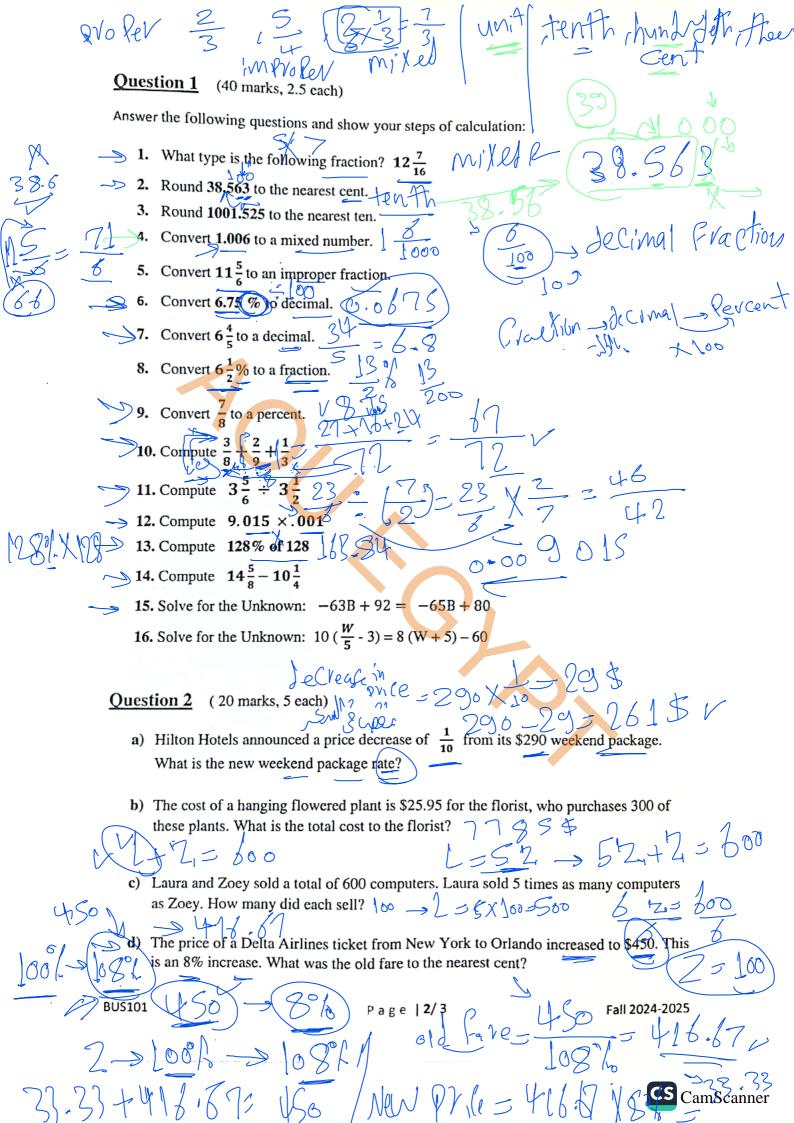
You MUST return the examination paper together with your answer booklets.

Do NOT write your answers in pencil except graphs/sketches

Students are **NOT** allowed to use any type of dictionary or mobile phones during the examinat Students are allowed to use *non-programmable* calculators only (if needed).

any form of cheating will NOT be tolerated and will subject you to AOU Cheating Policy.





Ouestion 3 (20 marks, 10 each) a) Ben's business buys a television from a wholesaler with a list price of \$600 and a trade 6 discount of 32%. What is the amount of the trade discount and what is the net price of the television? b) Calculate the End of Discount Period and End of Credit Period **Date of Invoice Terms Date Goods End of Discount End of Credit** Received Period Period June 19 3/10, n/30 ROG July 8 Question 4 (20 marks, 10 each) a) Assume markup is based on selling price. Complete: Selling Price % of Markup **Dollar Markup** Cost \$750 30% A  $\mathbf{B}$ 

b) MZ Corporation produces fudge bars. Total fixed cost is \$55,500. Each package of fudge bars sells for \$4.95 with a variable unit cost of \$3.10. What is the breakeven point for MZ Corporation?

**END OF EXAM QUESTIONS** 

US101

Page | 3/3

Fall 2024-202

