

FINAL EXAM

FCOM003: INFORMATION TECHNOLOGY-III

Fall-T2 2024 - 25

Points of attention:

- For each question, the maximum earned points are specified in the question.
- Make sure your answers are correct and clear.
- All answers should be submitted in the Blackboard.
- Any cheating/copying may result in an instant failing of the examination.

Exam Duration: 1.5 hour
Instructor's Name: Ahlam B/Ranjit V
Exam Date: 11/02/2025
Program: FND

	40
	10

Student Information

Name: ID:
Signature:

Invigilator

Initials: ☐ Student ID checked
Time received:

Question 1.**[14 Marks]**

1. **Download** the **Final Exam workbook** that is provided in the Blackboard.
2. Open the first sheet '**Q.1**' in the **Final Exam workbook**.

	A	B	C	D	E	F	G	H
1	Tech World Gadgets Hub							
2	Discount	5%				Tax	7%	
3	Product Co	Product Name	Price	Discount	Price After Discount	Tax	Final Price	
4	AT-2732	ATMPC-10 inch	29.61					
5	F-5678	FITIFUN-10 inch	23.80					
6	AP-1726	Apple Ipad mini	199.04					
7	I-1213	ITMEIPC 10.1 inch	37.86					
8	AP-1415	Apple Ipad Air 128 GB	307.59					
9	T-1617	Teclast P50	53.88					
10	L-1819	Lenovo Tab M11	89.88					
11	H-2021	Honor Pad X8A NDL	59.99					
12	AP-1416	Apple Ipad Pro 13.6 inch	482.04					
13	X-9101	Xiaomi Redmi Pad Pro 12.1 inch	56.30					
14								
15								
16								
17	Q8.							
18								
19								

3. Apply the formatting in the cell range **D4:G13** and display currency values in **Omani Rial (OMR)** with **three decimal places**. (1 mark)
4. The company provides 5% discount on each product. Calculate the **discount** available for each product in **column D** using a suitable formula. (2 marks)
5. Type a formula to calculate the **Price after discount** of each tab model in **column E** using the **discount** that has been calculated in the previous **column D**. (2 marks)
6. A customer must pay a **tax** of **7%** when he or she purchases the product. Find the **tax amount** for each phone in **column F** using **absolute cell references**. (2 marks)
7. Type a formula to calculate the **Final price** of each Tab **after tax** that has been calculated in the previous **column F**. (2 marks)
8. Apply **filter** to display all **Apple Tab types** and use a **function** to calculate the total price of all the Apple model Tab in **cell B17**. (2 marks)
9. Create a **column chart** using columns **B and C** in the above table. The chart must have a **title** and **axis titles**. (3 Marks)

Question 2.**[12 Marks]**

1. Open the second sheet 'Q.2' in the **Final exam workbook**.

	A	B	C	D	E	F
1	SFS First Bank					
2	Customer Name	Credit Card Account	Customer Account Balance	Amount of Expenses	Remaining Balance	
3	Ali Ahmed	1456789012345670	2500.75	1200.5		
4	Sara Abdullah	1478523698745210	3000.55	2500.75		
5	Omar Mohammed	1489652301487560	1800.45	150.25		
6	Fatima Karim	1425369874123650	2000.55	1700.35		
7	Ahmed Nasser	1478563214789650	2200.65	1800.4		
8	Salma Faisal	1432587419632580	2700.9	300.75		
9	Khalid Hussain	1487532145698740	3100.25	2800.1		
10	Noor Youssef	1469587412356870	2400.8	1000.65		
11	Yasmin Abdullah	1456983214789650	2900.35	2100.85		
12	Saeed Mohammed	1498756231456980	1500.45	1200.65		
13						
14						
15	Q.4					
16	Q.5					
17	Q.6					
18	Q.7					
19						
20						

- Format the currency to **OMR** with **3 decimal** places for the columns **C, D, and E**. (2 marks)
- Type a formula to find the **remaining** balance in column **E**. (2 marks)
- Use a function to determine how **many customers** spent more than **2000 OMR**. Enter the answer in **cell B15**. (2 marks)
- Use a function to find the **highest remaining balance** in **column E**. Enter the answer in **cell B16**. (2 marks)
- Use a function to determine the **average balance** in column **C** for customers . Enter the answer in **cell B17**. (2 marks)
- If the customer in **A10** spends **500 OMR** on her credit card more, how **much** is her **remaining balance**? Enter the answer in **cell B18**. (2 marks)

Question 3.**[14 Marks]**

1. Open the second sheet 'Q.3' in the **Final exam workbook**.

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Term -1 Exam Results												
2	Student-ID	Student Name	English Level A	English Level B	English Level C	MATH003	MATH004	ITCOM001	Total				
3	25-02122	Salim Ahmed	72	68	70	85	78	88					
4		Mansoor Abdullah	65	72	75	90	85	92			Q.4		
5		Hafsa Mohammed	78	80	77	95	89	84			Q.5		
6		Jood Ali	6	4	2	18	4	79			Q.6		
7		Noor Ahmed	55	58	62	70	65	68					
8		Sami Nasser	85	88	83	92	90	85					
9		Fatam Faisal	70	72	75	80	78	77					
10		Maram Abdulaziz	45	50	48	60	58	62					
11		Yousef Khalid	92	89	85	25	10	9					
12		Saif Abdulrahman	65	68	70	85	80	78					
13		Alla Mohammed	87	90	88	92	95	94					
14		Nasser Ibrahim	58	6	16	65	68	66					
15		Bader Ahmed	40	45	43	50	48	52					
16		Rawan Ismail	62	65	67	72	70	68					
17													
18													
19													

- Use **AutoFill** to complete the student's ID in column **A**. (2 marks)
- Using the relative cell reference, type a formula to find the **total marks** for all modules in cell range **I3:I17**. (2 marks)
- Use a function to determine the **number of students** who scored **over 375** in column **I**. Enter the answer in **cell L4**. (2 marks)
- If **B14** was allowed to take a **special exam** for **two** modules, English level B (score – 63) and English Level C(score – 78). Type a formula to find his **total marks**. Enter the total marks in **cell L5**. (2 marks)
- Use a function to calculate the **average mark** for the **ITCOM001**. Enter the answer in **cell L6**. (2 marks)
- Use **Conditional Formatting** to highlight all students who scored **less than 300** in column **I**. (2 marks)
- Sort** student names in column **B** in ascending from **A – Z**. (2 marks)

MLO and Bloom's Level of Complexity

Q #	MLO Addressed	Complexity Level	Mark	Remark
1	7, 8, 9, 10	Apply	14	
2	7, 8, 9, 10	Apply	12	
3	7, 8, 9, 10	Apply	14	

References

Morrison, C., Pusins, D. and Ruffolo, L. (2015). *Computer Literacy Basics: A comprehensive Guide to IC3*. 5th edn. Stanford: Cengage Learning.