



Course Title and Code: Operating Systems, CS3701	Final Exam Trimester 2 1444 H 2022/2023	اسم الطالب:
Instructor Name: Dr. X Y Z, Dr. A B C , and Mrs. M N T		الرقم الجامعي:
Date: February 02, 2023 Time: 120 minutes		رقم الشعبة:

Instructions	تعليمات
<ul style="list-style-type: none"> This exam consists of (5) questions on 7 pages. All questions should be answered on the same sheets. Electronic devices that could have a memory is not allowed Traditional calculator is allowed Books or other related materials are NOT allowed Cheating or indiscipline will expose you to sanction as per Student Punishment Rules. Mobile Phones are strictly prohibited in the exam hall, anyone caught with mobile, his paper shall be taken and a minute about cheating will be written. It is not allowed for student to go out of exam hall before 30 minutes from the beginning of the exam, and he has no right to enter the exam hall if he gets late by more than 30 minutes. Use blue pen only 	<ul style="list-style-type: none"> هذا الاختبار مؤلف من (٥) أسئلة على ٧ صفحات. جاوب على جميع الأسئلة على نفس الأوراق يمنع استعمال الأجهزة الالكترونية بالذاكرة. يسمح باستعمال الالة الحاسبة (دون ذاكرة). لا يسمح بالكتب أو المواد ذات الصلة بالمقرر. الغش أو الشروع فيه أو الاخلال بنظام الاختبارات يعرضك للجزاء المنصوص عليه في لائحة تأديب الطلاب. يمنع نهائيا احضار الهاتف الجوال في قاعة الاختبار ومن يضبط معه الهاتف سوف تسحب ورقته ويحذر له محضر محاولة غش. يمنع الخروج من الاختبار قبل مضي نصف ساعة من بداية الاختبار ولا يحق للطالب المتأخر أكثر من نصف ساعة من دخول الاختبار. الكتابة تكون بالقلم الأزرق فقط.

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First Marking					Second Marking	
Question No.	Course Outcome	Max Marks	Obtained Marks	Instructor's Signature	Obtained Marks	Second Signature
Q.1	CLO# 1	5				
Q.2	CLO# 2	7				
Q.3	CLO# 2	8				
Q.4	CLO# 3	10				
Q.5	CLO# 4	10				
Total Marks		40				
Total Marks in words						
Name of Instructors		1)			2)	
Name of Peer-Reviewer						

1. Answer the following

(a) Choose the correct answer of the following

1 (a) If $x = 2$ and $y = 5$, then $x + y$
A. 2 B. 7 C. 21 D. 1

1 (b) If $x = 12$ and $y = 5$, then $x + y$
A. 17
B. 7
C. 21
D. 1

2 (c) Who invented the pencil Me You They Him Socrates

2 (d) If $f(x) = \sin(x)$, then $f'(x) =$ _____.

(e) True or False

2 (a) ___ The world is all that is the case.

1 (b) ___ My favorite color is blue.

2. Let $f(x) = \sin(x) + x^2$

4 (a) Compute $\frac{df}{dx}$.

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5 (b) Compute $\int_0^1 f(x) dx$.

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10 3. Describe the effect of error propagation on numerical results.

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3 4. (a) What do you do with $f(x) = x$?

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3 (b) Is your answer different if $f(x) = \tan(x)$?

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8 5. In no more than one paragraph, explain why the earth is round.

6. Answer the following

1 (a) find $f(2.25)$.

(a) _____

1 (b) Approximate $f'(0)$.

(b) _____

1 (c) Approximate $\int_1^5 f(x) dx$.

(c) _____

5 (d) Redo questions (a), (b) and (c) with $f(1) = 4$ and $f(2) = 5$.

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Hope you all the best!
Dr. X Y Z, Dr. M N T

