

Course No: SWE 4315  
Course Title: HCI.  
Date: 12/ 01 / 2015  
No. of Questions: 4  
Time: 2 H.  
Using Calculator (Yes)

University of Palestine



Final Exam  
1<sup>st</sup> Term 2014/2015  
Total Grade: 60

Instructor Name: Eng. M. Timraz  
Student No.: \_\_\_\_\_  
Student Name: \_\_\_\_\_  
College Name: Engineering  
Dep. / Specialist: Software  
Using Dictionary (No)

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<b>First Question</b>	<b>No. of Branches (2)</b>	<b>(10/60)</b>
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<b>Q1 B1:</b>	<b>(05/10)</b>
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You have been asked to design a commercial web-site. Users will be able to browse or search for music and then download it to their hard disk and any associated devices, such as MP3 players. Briefly explain how you would identify the potential end-users of such a service and then explain how you would conduct a summative evaluation for these users once the system had been built. Then draw a sketch that describe your work

<b>Q1 B2</b>	<b>(05/10)</b>
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Give two reasons why expert users may not prove to be a good source of information about the requirements for an interactive system.

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<b>Second Question</b>	<b>No. of Branches (3)</b>	<b>(20/60)</b>
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<b>Q2 B1:</b>	<b>(05/20)</b>
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Imagine that you are developing a new mobile phone camera that automatically shares photos between social circles as each picture is taken. Describe what kind of features in the photo sharing camera would support each of the three models/theories.

<b>Q2 B2:</b>	<b>(05/20)</b>
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Name two differences between long and short term memory.

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**Q2 B3:** **(10/20)**

You have an application to communicate and manage with doctors work schedules time in hospital.

Choose a name for this program? With the stated reason?

Choose a logo for this program and try to draw it?

Determine the most dominant colors in the main GUI of the program with the stated reason?

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**Q3:** \_\_\_\_\_ **(4) Branches** \_\_\_\_\_ **(10/60)**

**Q3 B1:** \_\_\_\_\_ **(05/20)**

Briefly describe two situations when you might use a tracker ball rather than a mouse.

**Q3 B2:** \_\_\_\_\_ **(05/20)**

Name three different dialogue styles? Explain your answer with drawing.

**Q3 B3:** \_\_\_\_\_ **(05/20)**

Briefly explain why it is important to choose an appropriate font and point size when designing interactive software and any associated documentation.

**Q3 B4:** \_\_\_\_\_ **(05/20)**

There are three types of human memory. List them.

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**Fouth Question**

**No. of Branches (2)**

**(10/60)**

**Q4 B1:**

**(05/10)**

The following screen-shot is taken from the Microsoft XP operating system. As can be seen, it helps users to manage the security settings for their computer.



Briefly describe the main features that are you feel will support the user of this operating system. (Hint: you do not need to describe the detailed operation of any of the particular services; you do need to comment of the interface design, choice of widgets etc).

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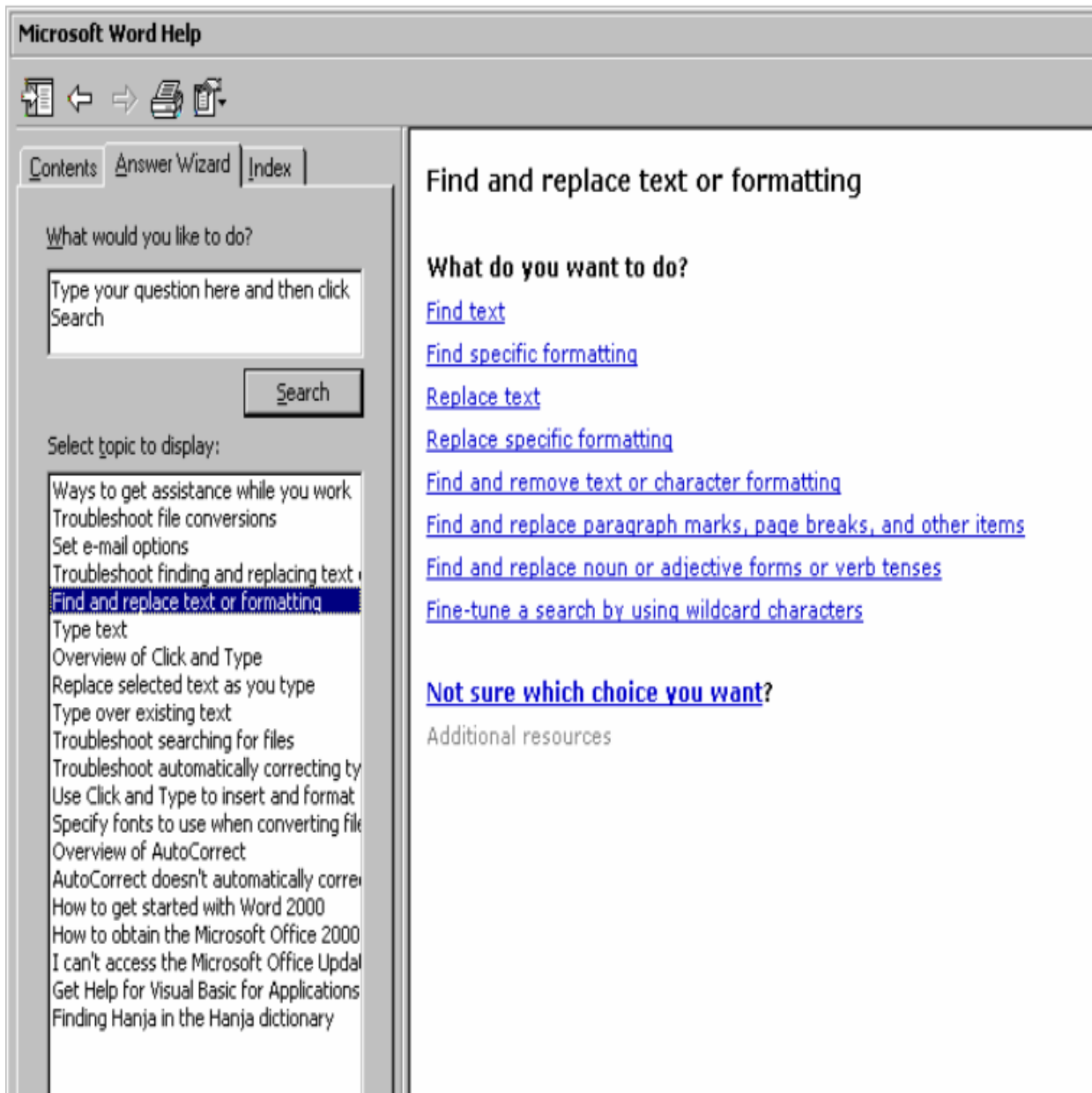
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**Q4 B2:**

**(05/10)**

The following screen-shot is taken from the Microsoft Word help system.



Briefly describe any features of this or similar help systems that you think offer the greatest support to novice users.

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Good Luck