

UNIVERSITY OF COLOMBO, SRI LANKA



UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY (EXTERNAL)

Academic Year 2014/2015 – 2nd Year Examination – Semester 3

IT3405: User Interface Design PART 2 - Structured Question Paper

01st March, 2015 (ONE HOUR)

To be completed by th	e candid	late	
BIT Examination	Index	No:	

Important Instructions:

- The duration of the paper is **1** (one) hour.
- The medium of instruction and questions is English.
- This paper has 3 questions and 8 pages.
- Answer all questions. All questions do not carry equal marks.
- Write your answers in English using the space provided in this question paper.
- Do not tear off any part of this answer book.
- Under no circumstances may this book, used or unused, be removed from the Examination Hall by a candidate.
- Note that questions appear on both sides of the paper.
 If a page is not printed, please inform the supervisor immediately.

Questions Answered

Indicate by a cross (\times), (e.g. \times) the numbers of the questions answered.

	Quest	tion nun	nbers	
To be completed by the candidate by marking a cross (x).	1	2	3	
To be completed by the examiners:				

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	hat fills the gap between the user and computer? Describe its significance for successfu
	mmunication between two components. (10 marks)
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Sin	implification is a method to extend the user interface. How does the simplification affe
	implification is a method to extend the user interface. How does the simplification affects? How do you implement it using the keyboard? (10 Marks)
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Int	brief description about the device proposed by the father of Human-Computer eraction. (10 Marks)
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	how the FITTS law could be used to justify time taken to hit a target on the sorks)
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(c)

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List	three aspects that describe the role of widgets in WIMP interfaces. (5 Marks)
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3)	Consider the following	prototype screen	design and	answer (nuestions	helow
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SUBMIT EXIT MELP

(a) Identify at least two design errors in the above screen design. (6 Marks)

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(b) Describe at least two possible usability issues in this design (6 Marks)

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(c)	5	Suggest how to improve the redesign of this data entry form (12 Marks)
		ANSWER IN THIS BOX

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(d)	Draw a sketch of re	edesign interface	based on your	suggestions. (16 Marks
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