



FINAL TERM EXAMINATION
SEMESTER FALL 2005
CS408-HUMAN COMPUTER INTERACTION

Total Marks: 130

StudentID/LoginID	
Name	
PVC Name/Code	
Date	

Please read the following instructions carefully before attempting any of the questions:

1. This examination is take home.

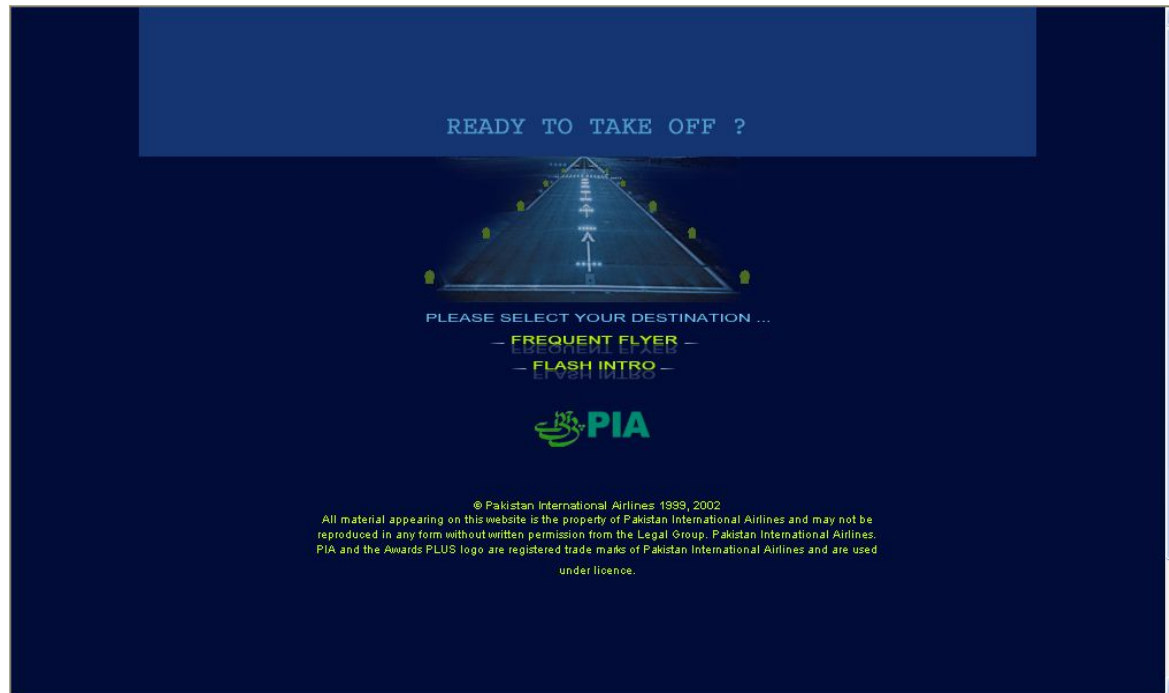
****WARNING: Please note that Virtual University takes serious action against unfair means. Anyone found involved in cheating will get an `F` grade in this course.**

For Teacher's use only

Q1	Q2	Q3	Q4	Q5	Total
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Marks: 20

The screenshot given below shows the home page of a web site. Firstly, explain the meaning of the heuristics given below. Secondly, use these heuristics to evaluate the Web page to determine whether it is successful in conveying the 'big picture' to the user.



Home Page Heuristics

- What is this?
- What do they have here?
- What can I do here?
- Why should I be here and not somewhere else?

Question No: 2

Marks: 30

Perform the trunk test on the screenshot given below. Provide an explanation of your answers.



Pakistan International Airlines
 Welcomes you to the AWARDS+PLUS
 Frequent Flyer Programme

[About Us](#) [Members Area](#) [Contact Us](#) [Alliances](#) [Rules & Benefits](#) [Quick Tools](#) [Home](#)

AWARDS +PLUS

[Download Form](#)

Personal Details

	(Title)	(First)	(Middle)	(Last / Family)
Name *	< Select >			
Gender *	Male			
Date of Birth *	Month	Date	Year	Nationality < Select >
e-Mail *	(For Pakistan Nationals)			
Passport #	Month	Date	Year	NIC #
Profession	< Select >	Job Title		
Company Name	Annual Income < Select >			
Credit Card	< Select >	Card #		

Mailing Address

Preferred Postal Address < Select >

Home		Business	
Country	< Select >	Country	< Select >
State/Province	< Select >	State/Province	< Select >
Address (Line1)		Address (Line1)	
Address (Line2)		Address (Line2)	
City		City	
Postal Code		Postal Code	

Phone Contacts

Preferred Contact Number < Select >

	Country	Area/City	Phone #
Home			
Business			
Mobile			
Fax			

Preferences

Seating	< Select >
Cabin	< Select >
Meal	< Select >
Smoking	< Select >

Other Details

Are you already a member of any frequent flyer programme? Yes

If yes, please enter name of the programme & Airline.

What are the number of trip(s) made in last 12 months?

If any, what was the nature of your trip(s)? Business

Submission of request

What are the major sections of this site? (Sections)
What are my options at this level? (Local navigation)
Where am I on the scheme of things? (“You are here” indicators)
How can I search? (Search)

Question No: 3	Marks: 30
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Find web pages that illustrate the principle of *consistency*. You must provide one good example and one bad example of consistency. You must provide screenshots of the relevant web pages along with the URL and a written explanation justifying the good and bad example in your answer. To find relevant examples, browse the Internet. Also provide a written description defining the principle of consistency.

Question No: 4	Marks: 30
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Find web pages that illustrate the principle of *constraints*. You must provide one good example and one bad example of constraints. You must provide screenshots of the relevant web pages along with the URL and a written explanation justifying the good and bad example in your answer. To find relevant examples, browse the Internet. Also provide a written description defining the principle of constraints.

Question No:5	Marks: 20
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Give one example of what critical problems can be caused when computer technology is integrated into devices and machines of everyday use. Your answer must give an account of a real (not fictional) event which illustrates the importance of usability in computer-based systems.