

National University of Computer and Emerging Sciences, Lahore Campus

Se Constitution of the second	Duration: Paper Date: Section:	- aman computer interaction	Course Code:	CS 422
		CS	Semester:	Spring 2020
		60 Minutes	Total Marks:	30
		201 LD-2020	Weight	15
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Student	Exam Type:	Midterm-I	Page(s):	5

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Instruction/Notes: Salva - Roll No. 16 L 4274

Solve on question paper, answer sheets are not required.

Question 1. What input and output devices would you use for the following systems? For each, compare and contrast alternatives, and if appropriate indicate why the conventional keyboard, mouse and CRT screen may be less suitable. (3 x 4 Points)

(a) Portable word processor for blind and normal users.

one

Input Device1:
allached to the screen Portable payboard
Input Device2:
Voice inbut through in the
Voice input through mecrophone (Conventional keyboard is hord Output Devicel:
Output Device1:
Voice Output
Output Device2: Information displayed
Moneton LCD roreen
For normal users

Input Device2:

Car of Scarnex to represent the personage undertakent of the anal transaction

Output Device1:

Output Device1:

Output Device1: Large LCD Postlas formation) Output Device2: (c) Air traffic control system Alasma Triggford Fields. Input Device1 Mense in I i Input Device2: Alarm Accid Divice

Alarma Accid Silverin Output Device1: for as traffic Output Device2:

(d) Worldwide personal communications system Input Device!

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For interaction sers of sers of Keyboard ver vot confortable)
with vote comunication - Wrogh rough) Input Device2: vicel:
Speakle / Headphore
(For rearing other wser) Output Device1: VICEZ:

LED

Seeing-lettual

clada Sent t Device2 Output Device2: evice1. 41 di 22: MORE A



