SOLUTION NOTES

Human-Computer Interaction 2001 Paper 9 Question 4 (AFB)

First part:

- * 1 mark for each method named. Unless some very good reason is provided for an alternative, the expected answers would be a) KLM, b) Cognitive Dimensions, c) Cognitive Walkthrough. [3 marks]
- * 1 mark for each coherent description of why this method is appropriate to that situation. [3 marks]

 Possible total: 6 marks

Second part:

- * 1 mark for each screen sketched. They should at least demonstrate that the candidate has understood the problem, and has anticipated some aspect of the users likely interaction with the system. [3 marks]
- * 1 mark for each evaluation activity described (e.g. constructing paper prototype, recording verbal transcript). [3 marks]
- * 1 mark for each advantage or disadvantage identified for the Cognitive Walkthrough method. [3 marks]
- * 1 mark per procedural step in Cognitive Walkthrough (typical steps include identifying user knowledge, identifying immediate goal, evaluating match between goal and interface etc.) [5 marks]

Possible total: 14 marks

Guerra) Phyla Rart 2

PARRY 9, HCI 1/4
SIMPLE ANSWER

AFB

Appropriate and repaired is nost

Appropriate, stanse it predicts the me

LET DHYSICA REVERENTS AS DIMEDIATE

DECISIONS FOR A USEN WHO MEMONY

KARD WHAT ACTIONS WILL BE HERWITED

- D) COWITHE TIMESSIONS OF NOTATIONS IS NOW

 ROPROPRIATE, BECAUSE IT DESCRIBES THE

 MOTH WIN REQUIREMENTS OF METUITIES SICH

 AS EXPLORASORY DESIGN
- C) COCHINE WARRANDER IT APPLIED A
 APPLIED A
 THEORY OF CENNICH TO ASMYSE THE
 REGISLENERS OF A USER WHO IS
 LEARNING WHILE YOUR A STOREM

[4:04 MUS]

School A REGUSTER TYSOR ID I Do you want a carrie for automatic login? CHECU Box LOK (CARCOLL"

School B

Questos

P\$ 45

THE PARE , TODAYSO, ID Les alreely been taken by motion Subscribor.

Please classe note name. You might like to consider one of the hollowing, which is still available

& HUSERIO 2

Er classe a different rane

Eury (0) 88/1

scraw c

wasne mu	to THE		1
Story A Story	Poures	Parast	protected

THIS PROPORTE BY TAKING ELENESS

FROM THE ABOVE SECONDES AND

MALICA A "LOW FEELTY PROTOTIFE"

CN OF PAPER. IS RESPONSE TO USERL

ACTIONS, A "WIZARD OF OZ" "ORENNER

WOULD NAOVE NEW SARENS LATO ROSITION

AS APPROPRIATE. A VERBAL PROPOCOL

COULD BE RECORDED TO CAPARLE ANY

USABILITY PROBLEMS FROM THE USERS

Ruesies PA/7 P9-401 4/4 b) A COCNITIVE WINKERMOUGH LIONUD ENDOY A PASEL OF EXPENSIV 10 Emy 1200016 A PSYCHOLOGICE WHO could AMCIPITE THE CONS THAT USEN WILL HAVE, AND EVALUATE WHETHER THE SYSTEN MORES IT CLEAR HOW TO ACHIEVE THEM. This comp ACCOUNT FOR A GREATER RANCE OF PETELTIAL BEAMPOURS THAT OBJECTIX CHE Sa Tevo Usons with a Propotype, son But is LESS LIVERY TO ASTICIPATE Genry SULPRISIDA USABILITY PROJECTY

C) A JOSE THE PRIOR KNOWEDE OF THE

USEN LOVED BE EXPECTED DEFIND, AND

THE TYPE OF USEN IDENTICED. THE

TO ACHIEVE A CORD

LITO A SERVEKE OF "CONNECT" ACTIONS.

THE ENVIROND TEAM WOND VISSELY, FOR

PACH ACTION, WHETHER THE DISPLAY

NATCHES WHAT THE USEN MIGHT BE

LOCKING FOR THEN THE SEEN THEEL

LOCKING FOR THE ACTION HAS BEEN THEEL

WOULD BE ASSESSED TO SEE WHETHER

THE USEN WOND RECORDE IT. NO MUS TORM