Program: B.Tech_____ Stream: __CSBS_____

Subject: Usability Design of Software Applications

Date: __20__ / __08__ /2022
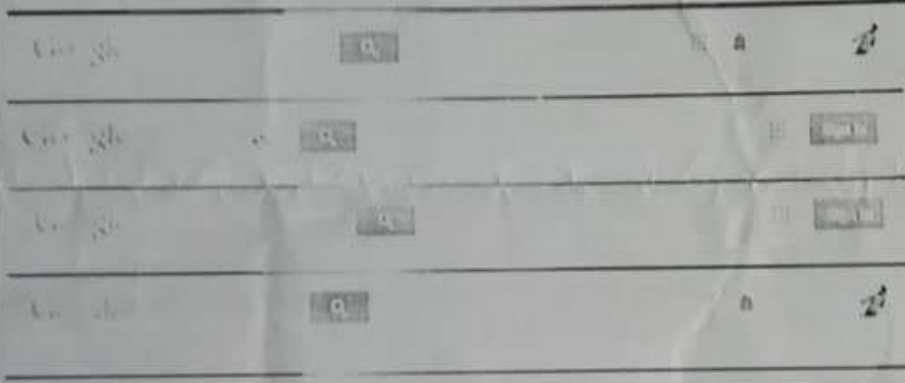
Marks: 20

Year: IV____ Semester: __VII_____

Time: 1 hr (9:00 to 10:00)

No. of Pages:__02___

Mid-Term 1 Examination

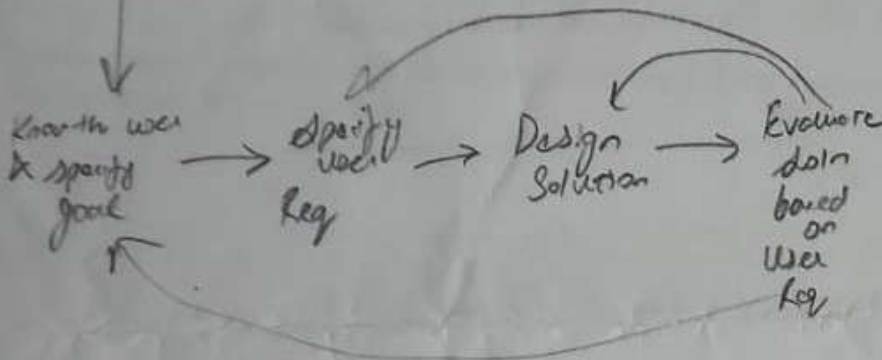**Instructions: Candidates should read carefully the instructions printed on the question paper**

1) Question No. 1 is compulsory.
2) Each question carries equal marks.
3) Answer to each new question to be started on a new page.
4) Figures in brackets on the right-hand side indicate full marks.
5) Assume Suitable data if necessary.

Q.No.	Statement of the questions	Marks
Q.1 (a)	Explain "*Who is the user for whome we write persona in heuristic evaluation*"	(2)
Q.1 (b)	Does the given screenshot follow "Consistency and standard principles"? Yes or No. Explain with reason.	(2)
Q.1 (c)	Read the given case study "*Ria wants to buy onlne gift for her friend through Amazon website. She uses Amazon's mobile app. She search the product and save in to cart to buy it later*". Apply heuristic evaluation and generate evaluation report with severity ranking.	(6)
Q.2	Read the following case study: "*Online examination system is web application designed for educational institute's to prepare an exam, save time which is taken to evaluate the answer sheets and prepare marks card. It will help the institute to test students efficiently and effectively while they enhance their skills. Currently client were using microsoft forms to evaluate such exams. Pulling reports, maintaining records and managing results were few of the major challenges faced by institutions working with the client. Each school should be*	(10)

able to manage their exams online efficiently and effectively. The interface should be user friendly and self explanatory so that it does not require any training to Students or Teachers who are going to conduct the exam."

Give answers of the following questions:

a) Who are the end users? Write persona for any one user.
b) Analyze and list down the user requirements
c) Draw the webpages as per the requirements
d) Explain user centered design iterative process while designing the webpages of given case study

Know the user
& specify
goal → specify
user
req → Design
Solution → Evaluore
doln
based
on
user
req

1) Visbility
2) Fredom
3) Eusa Prevention
4) Flexibility
5) Error recovry

6) Mapping
7) Consistency
8) Recognition
9) Minimolism

10) Help.

add regen for eual prevention
while adding mobile no. or Femail

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