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Internal Assessment Test 1 – March 2019

Sub:	User Interface Design					Sub Code:	15CS832	Branch:	CSE
Date:	07-03-2019	Duration:	90 min's	Max Marks:	50	Sem / Sec:	A,B & C		OBE

Answer any FIVE FULL Questions

		MARKS	CO	RBT
1 (a)	Define user interface design and its importance.	[05]	CO1	L2
(b)	Explain the concept of direct manipulation.	[05]	CO2	L2
2 (a)	Explain the characteristics of GUI.	[10]	CO1	L2
3 (a)	Compare and contrast GUI and web interface design.	[05]	CO1	L2
(b)	Give short notes on windows presentation styles.	[05]	CO2	L2
4 (a)	Explain the general principles of User Interface Design.	[10]	CO1	L2
5 (a)	Mention the advantages & disadvantages of GUI in detail.	[10]	CO1	L2
6(a)	Explain windows types in detail.	[10]	CO2	L2
7 (a)	Briefly explain components of windows with diagrams.	[10]	CO2	L2
8(a)	Explain window characteristics in detail.	[06]	CO2	L2
(b)	Explain button and its types.	[04]	CO2	L2

	Course Outcomes		Modules covered	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3	PSO4
CO1	Describe the characteristics of Graphics Interface and its principles.		1 & 2	1	-	-	-	-	1	-	1	-	1	-	1	2	-	2	-
CO2	Analyze, design and evaluate user interface design		1,2,3,4 & 5	1	2	2	-	-	1	-	-	1	1	2	1	2	-	2	-
CO3	Explain the components of web systems		2,3 & 4	1	-	1	-	1	1	-	-	-	1	1	1	2	-	2	-
CO4	Demonstrate the guidelines of multimedia.		2,3 & 4	1	-	-	-	-	1	-	1	-	1	1	1	2	-	2	-
CO5	Understand the prototype and kinds of test		5	1	1	1	1	1	1	-	-	1	1	1	1	2	-	2	-

COGNITIVE LEVEL	REVISED BLOOMS TAXONOMY KEYWORDS
L1	List, define, tell, describe, identify, show, label, collect, examine, tabulate, quote, name, who, when, where, etc.
L2	summarize, describe, interpret, contrast, predict, associate, distinguish, estimate, differentiate, discuss, extend
L3	Apply, demonstrate, calculate, complete, illustrate, show, solve, examine, modify, relate, change, classify, experiment, discover.
L4	Analyze, separate, order, explain, connect, classify, arrange, divide, compare, select, explain, infer.
L5	Assess, decide, rank, grade, test, measure, recommend, convince, select, judge, explain, discriminate, support, conclude, compare, summarize.

PROGRAM OUTCOMES (PO), PROGRAM SPECIFIC OUTCOMES (PSO)			CORRELATION LEVELS	
PO1	Engineering knowledge	PO7	Environment and sustainability	0	No Correlation

PO2	Problem analysis	PO8	Ethics	1	Slight/Low
PO3	Design/development of solutions	PO9	Individual and team work	2	Moderate/ Medium
PO4	Conduct investigations of complex problems	PO10	Communication	3	Substantial/ High
PO5	Modern tool usage	PO11	Project management and finance		
PO6	The Engineer and society	PO12	Life-long learning		
PSO1	Design and develop applications using different stacks of web and programming technologies.				
PSO2	Design and develop secure, parallel, distributed, networked, and digital systems.				
PSO3	Apply software engineering methods to design, develop, test and manage software systems				
PSO4	Design and develop intelligent applications for business and industry.				