

Scheme Of Evaluation
Internal Assessment Test 1 – MAR.2019

Sub:	User Interface Design						Code:	15CS832	
Date:	07/03/2019	Duration:	90mins	Max Marks:	50	Sem:	VIII	Branch:	CSE

Note: Answer Any Five Questions

Question #	Description	Marks Distribution		Max Marks
1	a) Define user interface design and its importance. <ul style="list-style-type: none"> • Definition of UID • Importance with questionnaires 	2.5 M 2.5 M	05 M	10 M
	b) Explain the concept of direct manipulation. <ul style="list-style-type: none"> • Characteristics of Direct Manipulation • Direct and Indirect Manipulation 	2.5M 2.5M	05M	
2	a) Explain the characteristics of GUI. <ul style="list-style-type: none"> • Sophisticated Visual Presentation (2M) • Pick-and-Click Interaction (2M) • Restricted Set of Interface Options (1M) • Visualization (1M) • Object Orientation (2M) • Use of Recognition Memory (1M) • Concurrent Performance of Functions (1M) 	2+2+1+1+2+1+1M	10M	10 M
3	a) Compare and contrast GUI and web interface design. <ul style="list-style-type: none"> • Characteristics comparison • Devices, User Focus, Data, Information, User focus, User Task, Navigation, Response Time, Interaction etc. 	1M(each)	5M	10 M

	b)	<p>Give short notes on windows presentation styles.</p> <ul style="list-style-type: none"> • Tiled(1) • Overlapping(2) • Cascading(2) with diagrams 	1M+2M+2M	5M	
4	a)	<p>Explain the general principles of User Interface Design.</p> <ul style="list-style-type: none"> • Total= 16 principles -1 Mark each • (Any 10 explained) 	1M*10	10M	10 M
5	a)	<p>Mention the advantages & disadvantages of GUI in detail.</p> <ul style="list-style-type: none"> • Advantages(5M) • Disadvantages(5M) 	5M+5M	10M	10 M
6	a)	<p>Explain windows types in detail.</p> <ul style="list-style-type: none"> • Primary(2) • Secondary (3) • Palette(1) • Message Box(1) • Pop up window (1) • Dialogue box (1) • Property Sheet(1) 	2+3+1+1+1+1+1M	10M	10 M
7	a)	<p>Briefly explain components of windows with diagrams.</p> <ul style="list-style-type: none"> • Frame (1) • Title bar(1) • Title bar icon(1) • Window sizing button(1) • What is this ? (1) • Menu bar(1) • Status bar(1) • Command area(1) • Size grip(1) • Work area(1) 	1M*10	10M	10 M

8	a)	<p>Explain window characteristics in detail.</p> <p>Attraction of windows(4M)</p> <ul style="list-style-type: none"> -Presentation of Different levels of information -presentaion of Multiple kinds of information -sequential presentation of kinds of information -Access to different source of information -combining multiple source of information -performing more than one task -reminding -monitoring -Multiple representation of single task <ul style="list-style-type: none"> • Constraints in window system design(2M) 	4+2M	6M	10 M
	b)	<p>Explain button and its types.(4M)</p> <p>Button and its advantage and Disadvantages(2M)</p> <p>Types of button(2M)</p> <ul style="list-style-type: none"> • Command button • Expansion button 	2+2M	4M	