Bachelor in Information Technology (BIT)

Term-End Examination

December, 2007

CSI-15: VISUAL PROGRAMMING

Time: 3 Hours

Maximum Marks: 75

Note:

There are **two** sections in this paper. Section A is **compulsory** and consists of 10 objective type questions and two descriptive type questions. Section B consists of 4 questions from which you have to answer any **three**.

SECTION A

- There are 10 objective type questions in this section. There are four choices given for each question. Select the correct choice. If you feel that none of the given choices are correct then write '0' as your answer.
 - The controls are given some attributes which clearly define the activities to perform and are called
 - (a) Methods
 - (b) Properties
 - (c) Events
 - (d) None of the above
 - (ii) VB 6.0 features include(s)
 - (a) Data Access features
 - (b) ActiveX technologies
 - (c) Application Setup Wizard
 - (d) All of the above
 - (iii) The file, which is a list of all the files and objects associated with the project, is
 - (a) Project file
 - (b) ActiveX control file
 - (c) Resource file
 - (d) Standard file

(iv) Snapshot type recordset object can contain fields from one or more tables in a database and (a) cannot be updated (b) can be updated (c) can be modified partly (d) None of the above (v) The control that is used to draw lines, squares and circles is (a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	(iv)	Snanahat tuna		6.11.6	,	
(b) can be updated (c) can be modified partly (d) None of the above (v) The control that is used to draw lines, squares and circles is (a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	(10)	database and	recordset object can	contain fields from	n one or more tables	in a
(b) can be updated (c) can be modified partly (d) None of the above (v) The control that is used to draw lines, squares and circles is (a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(a) cannot be	e updated	9 B		
(c) can be modified partly (d) None of the above (v) The control that is used to draw lines, squares and circles is (a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab						
(d) None of the above (v) The control that is used to draw lines, squares and circles is (a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		•				
(v) The control that is used to draw lines, squares and circles is (a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab						
(a) Image control (b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	(v)			os saucres and sire	ulaa ia	
(b) Image list control (c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	(*)			es, squares and cir	cies is	
(c) Shape control (d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		9				*
(d) Tab strip control (vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab						Mary Prints
(vi) VB allows you to create your own database in (a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		The state of the s				
(a) Paradox (b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab						
(b) Sybase (c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab			to create your own d	atabase in		
(c) Oracle (d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab						
(d) MS Access (vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab						
(vii) The function that is used to convert number to single variable type is (a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(c) Oracle				
(a) CLng (b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	7		•	3.85 ¹⁷		
(b) CCur (c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	(vii)		hat is used to convert	number to single	variable type is	
(c) CSgn (d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(a) CLng				
(d) CSng (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(b) CCur				
 (viii) An event handler consists of (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab 		(c) CSgn				
 (a) Event's name (b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab 						
(b) Lines of code for handling the event (c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab	(viii	An event hand	ller consists of			
(c) End sub (d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(a) Event's na	ame			
(d) All of the above (ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(b) Lines of c	code for handling the	event		
(ix) control is used in conjunction with other controls to display add, modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(c) End sub				
modify and delete the data from a database. (a) Grid Control (b) Tree View (c) SSTab		(d) All of the	above			
(a) Grid Control (b) Tree View (c) SSTab	(ix)	modify and del	ntrol is used in conju	inction with other	controls to display	add,
(b) Tree View (c) SSTab				acabase.		
(c) SSTab						
이 어느 전에는 경찰하게 되었다. 아이트로 되는 그 물에 이번 이 없는 아들이 되었다. 그들은 그렇게 되었다.						
(d) Data Control			trol			

	application is
	(a) ODBC
	(b) OLE
	(c) DDE
	(d) Control Array
2.	Write the full forms and mention the usage for the following:
	(i) ADO
	(ii) ODBC
	(iii) DAO
	(iv) MDI
	그 뭐 하는데 가장이 없는 나는데, 그렇게 하는 사람들이 모르는데 그렇게 하는 사람이 되는데 하는데 하는데 하는데 되는데 그렇게 되었다.
3.	Explain the usage of the following controls:
	(i) Checkbox
	(ii) Option button
	(iii) VScrollBar
	(iv) Frame
	(v) SSTab
	(v) SSTab (vi) Tree view
	(vi) SSTab (vi) Tree view (vii) Command button
	(v) SSTab (vi) Tree view
	(vi) SSTab (vi) Tree view (vii) Command button

SECTION B

Answer any three questions from this section (numbered from 4 to 7).

4.	Write an event procedure for a command button to compute the n^{th} power of x (x and n are positive numbers). Also, draw the sample layout of the application.	15				
5.	Write an event procedure to accept a list of 6 numbers and multiply each number with any constant and display the list in descending order. Draw the layout for the					
	application.	15				
6.	Write an event procedure to search a sub string in a given string. Design the splash screen also.					
14	Serven also.	15				
7.	Write an event procedure to find the sum of the squares of the first "n" natural numbers.					
		15				