**MOTHER TERASA COLLEGE OF ARTS AND SCIENCE**

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**SUBJECT :** VISUAL PROGRAMMING

**CLASS :** II – B.Com(CA)

**1.What does BASIC stand for?**

 BASIC stands for “Beginner’s All-purpose Symbolic Instruction Code”. BASIC is a computer programming language that was developed in the mid-1960s to provide a way for students to write simple computer programs.

**2. What is ToolBox in VB?**

 Visual Basic ,a ToolBox is a palette that contains lots of controls for designing and creating the Visual Basic projects. Every controls that use in our windows form or web for will reside in the ToolBox.

**3. What is meant by VB?**

 Visual Basic(VB) is an event-driven programming language and environment from Microsoft that provides a graphical user interface (GUI) which allows programmers to modify code by simply dragging and dropping objects and defining their behavior and appearance.

**4. Define : Form Layout window.**

 Form Layout window is a simple visual basic design tool purpose is to give the user a thumbnail view of the current form. By simply dragging the miniature form to a particular location, the position of a form can be set in the “Form Layout” window.

**5. What are the Controls in Visual Basic?**

* Form
* Command Button
* Labels
* Text Box

**6. What is a variables in vb?**

 A variable is nothing but a name given to a storage area that our programs can manipulate. Each variable in VB.Net has a specific type, which determines the size and layout of the variable’s memory the range of values that can be stored within that memory and the set of operations that can be applied to the variable.

**7. List out the Data Types.**

 The fundamental data types in Visual Basic including variant are integer, long, single, double, String, Currency, Byte and Boolean. Visual Basic supports a vast array of data types.

**8. What is the Scope Variable?**

 Scope of variables. A variable is scoped to a procedure-level (local) or module-level variable depending on how it is declared. The scope of a variable, procedure or object determines part of the code in our application are aware of the variable’s existence.

**9. How do you declare a variable in VB?**

* Declare the variable in a Dim Statement.
* Include specifications for the variable’s characteristics, such as Private, Static, Shadows or WithEvents.

**10. How many operators are used in Visual Basic .net?**

 The variables a and b are called operands and the symbol + is called the operator. In Visual Basic .Net there are mainly six type of operators.

**11.What are controls in VB?**

 The Visual Basic 6 controls are objects that are placed on the form. Even a form is a control object. Each of the control objects has properties, methods and event associated with them.

**12. How do you create a control in Visual Basic?**

 The VB main menu, click project, then Add User Control. This gives a form design environment almost identical the one use for building standard windows applications.

**13. What is list box control?**

 A list box is a graphical element that allows the user to select one or more items from a list contained within a static, multiple line text box. The user clicks inside the box on an item to select it, sometimes in combination with the Shift or Ctrl in order to make multiple selections.

**14. What is ComboBox in VB?**

 The ComboBox control is used to display a drop-down list of various items It is a combination of a text box in the user enters an item and a drop-down list from the user selects an item. A combo box by dragging a ComboBox control from the ToolBox and dropping it on the form

**15. What are the used in PictureBox Control?**

 The Pictruebox control is used for displaying images on the form. The Image property of the control allows to set an image both at design time or at run time. Let’s create a PictureBox control from the ToolBox and dropping it on the form.

**16. What are the File System Controls?**

 VB provides three native toolbox controls for working with the file system : the DrivelistBox, DirListBox and FileListBox. The DriveListBox control is a specialized drop-down list that displays a list of all the valid drives on the user’s system.

**17. What is Dir ListBox?**

 The Dir ListBox is Directory ListBox is used to display the list of directories of folde in a selected drive. The form and run the program to selecte different deirectories from a selected drive in computer.

**18. What is TreeView Control?**

 TreeView control is used to display hierarchical tree like information such as a directory hierarchy. The top level in a tree view are root nodes that can be expanded or collapsed if the nodes have child nodes. A paren node is expanded, its child nodes are visible.

**19. What is Menu Editor?**

 Menu Editor utility of VB can be accessed from tools menu in the forms design screen. This utility is used for creating menus. It allows to create custom menus for your application and to define their properties.

**20. What is Rich Text Control?**

 The Rich Text editor control provides the app user a WYSIWYG editing area for formatting text. Controls input and output format is HTML. Control allows copied rich text to be pated into the control.

**21. Define : Database.**

 A Database management system typically deals with stroing, modifying and extracting information from a database. Visual Basic 2019 uses ADO.NET to handle databases.

**22. What is OLE DB connection?**

 OLEDB(object linking and embedding database)an API designed by Microsoft allows accessing data from a variety of sources in uniform manner.

**23. What is database connectivity in VB?**

 The VB database connection form controls to this object for further interaction with data sources (For example, a database). Table Adapters connect to a database table. It is interface for communication between an application and database.

**24. What is ODBC?**

 Open Database Connectivity(ODBC) is an open standard application programming interface (API)that allows application programmers to access any database.

**25. What is data control in VB?**

 The ADO (Activex Data Object) data control is the primary interface between a visual Basic application and a database. It can be a central part of a complex database management system. This control is suitable for small databases.