MAJOR PAPER – IX – VISUAL PROGRAMMING

UNIT – I

Introduction to Visual Basic – Integrated Development Environment (IDE) features – VB editor – customizing the IDE – Anatomy of a form – working with form properties – setting form's properties – Introducing forms events & form methods.

UNIT – II

Variables in Visual Basic : Declaring Variables – Data types – Null value, Error Value, Empty Value- The scope of a variable – Module Level Variable – Constants – Creating your own Constants – Scope of a Constant – Converting Data Types – Arrays – Declaring Arrays – Fixed Size Arrays – Dynamic Arrays – Preserve Keyword – REDIM, Writing code in Visual Basic: The Anatomy of a procedure – Subroutine and Functions – Language Constructs: For.. Next, The While Loop, Select case.. End Select, Exit statement, With Structure.

UNIT – III

Selecting & Using controls: Introducing to Standard controls – command buttons – Text boxes – Labels – Option buttons – Check boxes – Frame controls – List boxes – Combo boxes – Image objects – Picture boxes – Timer – Scroll bars – File system Controls (Drive, Dirlist, File list Boxes).

UNIT – IV

Introduction to Built – in Active X control: Tool bar – The Treeview control – The listview control – the Imagelist control – Common Dialog Control – Status Bar Control – Rich Textbox Control – Menu Editor.

UNIT – V

DDE Properties – DDE Events – DDE Methods – OLE Properties – Activex Control Creation and Usage and Active X DLL Creation and Usage and – Data Base Access – Data Control – Field Control – Data Grid Record set using SQL to manipulate Data – Open Data base Connectivity (ODBC).

Text Book:

Mohammed Azam, Programming with Visual Basic 6.0 – VIKAS Publishing House Pvt.Ltd.