

**III B.Tech II Semester Supplementary Examinations,  
November/December 2005  
VISUAL PROGRAMMING TECHNIQUES  
(Electronics & Computer Engineering)**

**Time: 3 hours**

**Max Marks: 80**

**Answer any FIVE Questions  
All Questions carry equal marks**

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1. What is IDE. Explain the various features of IDE of Visual Basic. [16]
2. (a) Explain the importance of OnDraw function.  
(b) What is the class name of the parameter to the OnDraw function? Explain about three member functions from that class. [6+10]
3. What are windows mouse events? How to handle them? [16]
4. (a) Explain how to create a check box.  
(b) Explain how to align controls in a dialog box. [8+8]
5. A folder contains individual files pertaining to different departments of a college. Each department file contains details like the name of the head, names of the faculty, non teaching staff and their personal details (You may assume 2-3 relevant details in each case). There are 5 colleges run by a trust and the details of each college is stored in a separate folder as described. Suggest a VB implementation that allows the chairman of the trust to view and / update any relevant information pertaining to any employee. [16]
6. What is OLE. Compare object linking and embedding with the help of an example. [16]
7. Suggest a VB interface that accepts two numbers and an arithmetic sign (like 5, 7 and +) and does the arithmetic operation correspondingly and displays the result. The interface should have controls as required. Use list box for operators. [16]
8. Explain the Browser control using VC++. [16]

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