

**B.Tech. 5th Semester (F) Scheme (IT) Examination,
December-2018**

RAPID APPLICATION DEVELOPMENT

Paper-IT-301-F

Time allowed : 3 hours] [Maximum marks : 100

Note : Attempt 5 questions selcting one question from each section and question No. 1 is compulsory.

1. Write a short note on: 20
- (a) Explain the concept of serialization.
 - (b) List out features of Visual C++.
 - (c) Discuss event driven programming language.
 - (d) What is DLL's?

Section-A

2. (a) What do you mean by Integrated Development Environment? 15
- (b) Differentiate between procedure and event oriented languages. 05
3. (a) Why we use RAD? What are the advantages and disadvantages of rapid application development? 10
- (b) Discuss various components of VC++. 10

Section-B

4. (a) What is MDI? What is different in MDI program? Explain by giving suitable example. 10
- (b) What are Microsoft Foundation Classes? Why use MFC? Explain its features and advantages. 10
5. (a) Explain document-view architecture with its advantage. 10

- (b) Describe Application Programming Interface in detail. 10

Section-C

6. (a) Create an application in VC++ to show the use of List box and Radio Buttons. 10
- (b) Write the steps to create multiple documents visual basic program and explain application object. 10
7. (a) Write a program in VC++ to create menu and submenus. 10
- (b) Write down the steps for designing sliders in VC++ with example. 10

Section-D

8. (a) Discuss Database connectivity in visual basic using DAO/ADO and RDO. 10
- (b) Write a short note on file handling in VC++ and VB. 10
9. Explain the following: 20
- (a) OLE object technologies.
- (b) Creating internet programs using visual basic.