Roll No. ....

7173

APGDCA/APGDIT/M. Sc. (Computer Sc.)/MCA 2nd Sem. Examination

January, 2008

VISUAL C++

Paper : APGDCA-6

Time : Three hours]   *[Maximum Marks : 75*

Before answering the question, candidate should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) Why do you mean by Internet programs ? How are these created and used ? Discuss.

   (b) What is COM security ? Discuss its relevance.

2. What are Active X Controls ? Discuss their significance. How are these created and used ? Illustrate.

7173-2050-(P-2)(Q-8)(08)   P. T. O.

3. Explain the following :

   (a) Multiple views

   (b) Mouse handling in VC++

4. What is meant by MDI ? How is different from SDI ? How does MDI component help in Visual C++ programming environment ? Illustrate.

5. (a) Enumerate important and essential constructs/elements of a good Visual Programming Language.

   (b) What do you understand by Visual Programming ? What languages do you consider most suitable for Visual Programming and why ?

6. What are DLLs ? How are these different from EXE files ? Which DLLs are supported by MFC library ? How are these used in VC++ ? Explain.

7. What do you understand by COM ? How COM components can be developed using VC++ ? Illustrate.

8. Explain the following :

   (a) Deploying COM applications

   (b) Toolbar buttons

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APGDCA/APGDIT/M. Sc.
(Computer Sc.)/MCA 2nd Sem.
Examination January, 2008

VISUAL BASIC & ORACLE
Paper : APGDCA-7

Time : Three hours]   *[Maximum Marks : 75*

Before answering the question, candidate should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions. All questions carry equal marks.

1. What is event driven programming ? How is it useful and used ? How is it different from database programming ? Explain in detail with suitable examples.

2. Explain the following with VB code segments :

   (i) Loops

   (ii) Various types of boxes

   (iii) Active X controls.

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3. Describe the following with reference to Oracle :

   (i)   Data constraints

   (ii) Data types

   (c)   Data manipulation functions.

4. What are SQL forms ? How these are used and useful ? Also discuss its types with examples.

5. Explain various kinds of SQL reports in Oracle with their relative merits and demerits.

6. What is SQL Menu ? How is it used and useful ? Also explain its types with suitable code segments in Oracle.

7. Explain the following with reference to Oracle :

   (i)   Granting Role Access

   (ii) Package procedures

   (iii) Storage of functions.

8. Write short notes on the following :

   (i)   Dropping a Trigger

   (ii) SQL Loader

   (iii) Database Triggers

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APGDCA/APGDIT/M. Sc. (Computer Sc.)/MCA 2nd Sem. Examination

January, 2008

SYSTEM ANALYSIS & DESIGN

Paper : APGDCA-8

Time : Three hours]   [Maximum Marks : 75

Before answering the question, candidate should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt any *five* questions. All questions carry equal marks.

(a) Explain various phases of system development life cycle briefly.   10

(b) Write a short note on system evaluation.   5

2. What is fact finding ? How is it useful ? Explain its various techniques briefly.   15

3. Explain the following briefly : 15

    (i) Feasibility study,

    (ii) System testing,

    (iii) System types.

4. What is Data Flow diagram ? How is it useful ? Draw zero level and one level DFD for an inventory control system and describe the same briefly. 15

5. Differentiate between the following : 15

    (i) Decision Table and decision trees,

    (ii) System controls and Audit trails.

6. Describe the following briefly :

    (i) Gantt charts

    (ii) Project review

    (iii) Data Dictionary. $5 \times 3 = 15$

7. (a) What is system quality ? What are its parameters ? Explain in detail with examples. 8

(b) Explain the concept of cost benefit analysis in detail. 7

8. Write short notes on the following : 5 × 3 = 15

   (i) Integration testing,

   (ii) System documentation,

   (iii) Bench marking.