Roll No. ....

X–3561

P. G. Diploma in Computer Application
(Second Semester) EXAMINATION, June, 2014

GUI-PROGRAMMING IN VISUAL BASIC

(PGDCA–106)

Time : Three Hours]   [*Maximum Marks : 100*

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

1. (a) Explain details of Visual Basic 6 IDE.

   (b) Describe briefly the MsgBox and InputBox.

2. (a) Write a complete visual basic program for find out simple and compound interest.

   (b) Describe briefly the term property, method and events with suitable example.

3. (a) Write a visual basic program for print a table of a given number.

   (b) Describe the control array with suitable example.

4. (a) Write the use of ListBox and ComboBox.

   (b) Write the use of Err objects with suitable example.

5. (a)   Write the working process of Random Access File with suitable example.

    (b)   Describe ADO data control with suitable example.

6. (a)   What is Report ? Describe Data Report with suitable example.

    (b)   Write working process and use of Data Environment.

7. (a)   What is MDI ? Write a visual Basic Program for illustrate MDI.

    (b)   Write a Visual Basic program for launch a rocket using timer control.

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P. G. Diploma in Computer Application
(Second Semester) EXAMINATION, June, 2014
PROGRAMMING IN JAVA
(PGDCA–107)

Time : Three Hours]   [*Maximum Marks : 100*

Note : Attempt any *two* parts from each question. All questions carry equal marks.

1. (a) Discuss object oriented feature used in Java.

    (b) Explain nested and inner classes.

    (c) Write short notes on the following :

       (i) String Buffer Classes

       (ii) Wrapper Class

2. (a) Explain Interfaces with example.

    (b) Describe method overloading and method overriding with example.

    (c) What is Package ? How can we define use and run the package ?

3. (a) What is Thread ? Write a program for multithred using the is Alive( ), join( ) and synchronized( ) method of thread class.

(b) What is an Exception ? Write a program where user will create a self-exception using the throw keyword.

(c) Write short notes on the following :

(i) Try and Catch

(ii) Thread priorities

4. (a) Explain JDBC. Write a program for JDBC to insert the values into the existing table by using prepared statement.

(b) Explain the byte and character stream used in JAVA.

(c) Explain method used for reading and writing string from console and files with example.

5. (a) Write is Applet. Explain life cycle of applet.

(b) Write short notes on the following :

(i) AWT controls

(ii) Mouse and Keyboard event

(c) Write a program to demonstrate border layout using applet.

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P. G. Diploma in Computer Application
(Second Semester) EXAMINATION, June, 2014
ESSENTIALS OF e-COMMERCE & HTML
(PGDCA—108)

Time : Three Hours]   [*Maximum Marks : 100*

Note : Attempt any *two* parts from each question. All questions carry equal marks.

Unit—I

1. (a) What do you understand by Internet ? What are the projections of e-Commerce market world wide and India ?

 (b) What are the business models in e-Commerce Environment ?

 (c) Explain application and benefits of EDI. Also explain e-Commerce on the web.

Unit—II

2. (a) Explain e-Commerce payment models with examples.

 (b) Explain client security and network security.

 (c) Explain term encryption. What do you understand by digital signature ?

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Unit—III

3. (a) Explain business transaction cycle. What are the different types of transaction in e-Commerce ?

(b) Differentiate traditional business and e-Commerce.

(c) Explain future growth of e-Market in India.

Unit—IV

4. (a) What are the Web Standards ? Explain them.

(b) Write a HTML code of insert an image in web page. Explain any *ten* tag of HTML.

(c) Write code to insert table in web page. Also explain BASEFONT, BLOCKQUOTE.

Unit—V

5. (a) Write are Web Browsers ? Explain with examples.

(b) Explain frames with examples.

(c) How can you create a business website with Dynamic Webpage ?

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