# GD-1003

DCA 2nd Semester
Examination, May-June 2023

## DCA - 105

## GUI – Programming in Visual Basic

Time : Three Hours]  [*Maximum Marks* : 100
[*Minimum Pass Marks* : 33

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

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### Unit-I

1. (a) What is Visual Basic and briefly explain the components of Visual Basic IDE.

   (b) Explain SDI and MDI interface with suitable diagram.

   (c) What do you mean by Event ? Explain list of all events with their method and properties.

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## Unit-II

2. (a) Describe branching statements also explain different types of branching statements.

   (b) What is Array ? Describe the types of array with suitable example.

   (c) Write short notes on the following :

   (i) Select case statement

   (ii) Go to statement

   (iii) MsgBox ()

   (iv) InputBox ()

## Unit-III

3. (a) Differentiate between procedure and function with example.

   (b) Write down list of all library functions, format functions and string related functions and also define them.

   (c) What do you mean by module ? Define their types with example.

## Unit-IV

4. (a) Describe in detail all controls name in Visual Basic Programming.

## ( 3 )

(b) Write a Simple Program in Visual Basic using calendar tools.

(c) Write a VB program that can display a dialog box with the three options OK, Cancel and Abort.

### Unit-V

5. (a) Differentiate between the following :

    (i) DAO and RDO

    (ii) Crystal reports and data reports

(b) Briefly explain SQL. Define types of languages of database in SQL.

(c) What is Data Control ? Write down properties of data control.

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# GD-1004

## DCA 2nd Semester
## Examination, May-June 2023

### DCA - 106

### E-Commerce

*Time* : Three Hours]     [*Maximum Marks* : 100
                        [*Minimum Pass Marks* : 33

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नोट : प्रत्येक प्रश्न से किन्हीं **दो** भागों के उत्तर दीजिए। सभी प्रश्नों के अंक समान हैं।

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

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## इकाई / Unit-I

1. (a) इलेक्ट्रॉनिक कॉमर्स को परिभाषित कीजिए। इसके क्षेत्र को समझाइए।

   Define Electronic Commerce. Explain the scope of E-commerce.

   (b) पारंपरिक व्यवसायों पर इंटरनेट के प्रभाव का वर्णन कीजिए।

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Describe the impacts of internet on traditional businesses.

(c) ई–कॉमर्स वातावरण में व्यापार मॉडल पर चर्चा कीजिए।

Discuss Business models in E-commerce environment.

## इकाई / Unit-II

2. (a) इलेक्ट्रॉनिक डाटा इंटरचेंज क्या है ? वित्तीय EDI पर चर्चा कीजिए।

What is Electronic Data Interchange ? Discuss financial EDI.

(b) वेब पर ई–कॉमर्स का वर्णन कीजिए।

Describe the E-commerce on the web.

(c) इलेक्ट्रॉनिक पेयमेंट सिस्टम पर संक्षिप्त टिप्पणी लिखिए।

Write a brief note on Electronic Payment System.

## इकाई / Unit-III

3. (a) इंटरनेट सिक्योरिटी क्या है ? इनके प्रकारों का वर्णन कीजिए।

What is Internet Security ? Discuss types of Internet Security.

(b) फायरवॉल टनल्स क्या है ? नेटवर्किंग में यह कैसे काम करता है ?

What are firewall tunnels ? How does it work in networking ?

(c) डिजिटल सिगनेचर पर संक्षिप्त नोट लिखिए।

Write short note on Digital Signature.

## इकाई / Unit-IV

4. (a) शुद्ध और संकर ई-कॉमर्स पेयमेंट माडल्स में तुलना कीजिए।

Compare pure and hybrid E-commerce payment models.

(b) क्रेडिट कार्ड एवं डेबिट कार्ड के उपयोगिताओं को समझाइए।
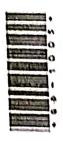
Explain the utilities of Credit card and Debit card.

(c) आर.बी.आई. के इलेक्ट्रॉनिक क्लीयरिंग सिस्टम का वर्णन कीजिए।

Discuss Electronic Clearing System of RBI.

(*Turn Over*)

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## इकाई / Unit-V

5.  (a) ग्राहक से ग्राहक ई-कॉमर्स क्या है ? समझाइए।

What is Consumer-to-Consumer (C2C) E-commerce ? Explain.

(b) ई-मार्केट के लाभ एवं नुकसान लिखिए।

Write advantages and dis-advantages of E-market.

(c) B2B एवं B2C ई-कॉमर्स में अंतर लिखिए।

Differentiate between B2B and B2C E-commerce.

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# GD-1005

## DCA 2nd Semester
### Examination, May-June 2023

## DCA - 107

## HTML and Internet Applications

*Time* : Three Hours]    [*Maximum Marks* : 100
[*Minimum Pass Marks* : 33

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

1. (*a*) What are HTML elements ? Explain with example.

   (*b*) Write short notes on the following :
   
   (*i*) Website
   
   (*ii*) CSS

   (*c*) Explain OL & UL tag with suitable example.

2. (a) What is Hyperlink ? Explain Anchor tag with suitable example.

(b) What is Form ? Explain with elements of Form.

(c) Write short notes on DIV and TABLE.

3. (a) What is Frameset ? Write the HTML code where frameset must be having two columns. (first and second column should be 50%)

(b) How to add an image in webpage ? Explain SRC, ALT, HEIGHT, WIDTH attributes.

(c) Explain internal and external linking between webpages.

4. (a) What are static and dynamic webpages ? Explain.

(b) Write short notes on the following :
(i) FTP
(ii) Search Engine

(c) What is Scripting ? Explain types of scripting languages.

5. (a) Write short notes on the following :

    (i) ISP

    (ii) ARPANET

  (b) Write some applications of internet.

  (c) Describe internet security and DNS server.

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