

Seat No.	
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B.C.A. (Part - III) (Semester - V) (New) Examination, October - 2015

VISUAL PROGRAMMING (Paper - 505)

Sub. Code : 66419

Day and Date : Wednesday, 28 - 10 - 2015

Total Marks : 80

Time : 03.00 p.m. to 6.00 p.m.

- Instructions:**
- 1) Q.No. 8 is compulsory.
 - 2) Solve any four questions from Q.No. 1 to Q.No. 7.
 - 3) All questions carry 16 marks.

- Q1)** Explain architecture of .NET framework with neat diagram. **[16]**
- Q2)** a) Explain connected architecture of .ADO NET in detail. **[8]**
 b) Explain dataset with example. **[8]**
- Q3)** Describe client side and server side state management. **[16]**
- Q4)** a) Explain pass by value and pass by reference with example. **[8]**
 b) What is partial class? Explain partial class with example. **[8]**
- Q5)** a) Explain any four validation controls in detail. **[8]**
 b) Write a program for swapping of two numbers without using 3rd variable. **[8]**
- Q6)** a) What is JIT compiler? Explain its types. **[8]**
 b) Explain disconnected architecture of .ADO. NET in detail. **[8]**

Q7) Write web application for student details to manipulate database by considering proper database structure. [16]

- a) Insert
- b) Update
- c) Delete
- d) Search

Q8) Write short notes on (Any Four) [16]

- a) Data Reader
- b) Data Adapter
- c) CLR
- d) Boxing & Unboxing
- e) Request



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B.C.A. (Part - III) (Semester - V) (Revised)

Examination, November - 2016

VISUAL PROGRAMMING

Sub. Code : 66419

Day and Date : Tuesday, 15 - 11 - 2016

Total Marks : 80

Time : 2.30 p.m. to 5.30 p.m.

- Instructions :**
- 1) Each question carry 16 marks.
 - 2) Solve any four questions from Q.No.1 to Q.No.7.
 - 3) Question No. 8 is compulsory.

- Q1) a) Explain disconnected layer of ADO.NET. [8]**
b) Explain the role of web server. [8]
- Q2) a) Explain command line arguments with example. [8]**
b) What is JIT Compiler? Explain its types. [8]
- Q3) Explain state management in ASP.NET. in detail. [16]**
- Q4) a) Explain visual studio .NET IDE. [8]**
b) Explain web form life cycle. [8]
- Q5) a) Explain different types of server controls. [8]**
b) Explain the concept of boxing and unboxing. [8]
- Q6) Explain Architecture of .NET framework with neat diagram. [16]**

P.T.O.

Q7) Write web application for book details to manipulate database by Considering proper database structure? [16]

- a) Insert.
- b) Update.
- c) Delete.
- d) Search.

Total Marks : 80

Day and Date : Tuesday, 15 - 11 - 2016

Q8) Write short notes on following (Any Four) [16]

- a) CLR.
- b) Partial Class.
- c) WEB.config.
- d) Dataset.
- e) Response .redirect.

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B.C.A. (Faculty of Commerce) (Part - III) (Semester - V)
(Revised) Examination, April - 2017

VISUAL PROGRAMMING

Sub. Code : 66419

Day and Date : Thursday, 20 - 04 - 2017

Total Marks : 80

Time : 11.00 a.m. to 2.00 p.m.

- Instructions :**
- 1) Each question carries 16 marks.
 - 2) Solve any four questions from Q. 1 to Q. 7.
 - 3) Q. 8 is Compulsory.

Q1) a) Explain Managed and unmanaged code. [8]

b) Explain Global stack and Heap Memory. [8]

Q2) a) Explain command line arguments with example. [8]

b) What is JIT Compiler? Explain its types. [8]

Q3) a) Explain .NET framework Architecture in detail. [8]

b) Differentiate between DLL and EXE. [8]

Q4) a) Explain state management in ASP.NET. [8]

b) Explain the concept of boxing and unboxing. [8]

Q5) a) Explain visual studio .NET IDE. [8]

b) Explain web form life cycle. [8]

P.T.O.

Q6) a) Explain different types of server controls. [8]

b) Describe the concept of CLR. [8]

Q7) a) List the benefits of ADO.NET. [8]

b) What is DATA Reader? Explain in detail. [8]

Q8) Write short notes on following (any Two): [16]

a) Partial Class with example.

b) Event Handling in Web forms.

c) Role of web server.

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B.C.A. (Part - III) (Semester - V) (Revised)

Examination, October - 2017

VISUAL PROGRAMMING (Paper - 505)

Sub. Code : 66419

Day and Date : Wednesday, 25 - 10 - 2017

Total Marks : 80

Time : 10.30 a.m. to 01.30 p.m.

- Instructions :**
- 1) Each question carry 16 marks.
 - 2) Solve any four questions from Q.1 to Q.7.
 - 3) Q.8 is compulsory. ♦ ♦

- Q1)** a) What are Features of .NET framework. [8]
b) Explain partial class in C# with example. [8]
- Q2)** a) Explain pass by value and pass by reference with example. [8]
b) Explain the role of web browser. [8]
- Q3)** a) Explain architecture of ADO.NET. [8]
b) Describe the concept of CLR. [8]
- Q4)** a) Differentiate between Response.Redirect and Server.Transfer. [8]
b) Explain type casting with example. [8]
- Q5)** a) Explain different types of server controls. [8]
b) Explain web form life cycle. [8]
- Q6)** a) Explain Event Handling in Web forms. [8]
b) Explain visual studio .NET IDE. [8]

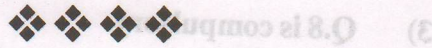
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- Q7) a) Explain state management in ASP.NET. [8]
- b) Explain the concept of boxing and unboxing. [8]

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Q8) Write short notes on following (any four): [16]

- a) CLS
- b) Data adapter
- c) Globalization and Localization
- d) JIT Compiler
- e) Range Validator



[8]

[8]

[8]

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