

Seat No.	
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**B.C.A. (Part - III) (Semester - V) (Revised)**  
**Examination, October - 2018**  
**VISUAL PROGRAMMING**  
**Sub. Code: 66419**

**Day and Date : Thursday, 25 - 10 - 2018****Total Marks : 80****Time : 10:30 a.m. to 1.30 p.m.**

- Instructions :**
- 1) Each question carry 16 marks.
  - 2) Solve any four questions from Q1 To Q7.
  - 3) Q8 is compulsory.

- Q1) a)** Explain different valid forms of main. **[8]**
- b) Explain type casting with example. **[8]**
- Q2) a)** Differentiate between value type and reference type. **[8]**
- b) Explain disconnected layer of ADO.NET. **[8]**
- Q3) a)** Explain architecture of .NET framework . **[8]**
- b) Write C# program to calculate factorial of number using command line arguments. **[8]**
- Q4) a)** Explain any four validation controls in detail. **[8]**
- b) Explain web form life cycle. **[8]**
- Q5) a)** Explain different types of server controls. **[8]**
- b) Explain partial class with example. **[8]**
- Q6) a)** Explain cross page post back property of button with example. **[8]**
- b) Explain Event Handling in Web forms. **[8]**

**P.T.O.**

- Q7)** a) Explain the role of web server. [8]  
b) Explain state management in ASP.NET. [8]

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

- a) Managed code and Unmanaged code  
b) JIT Compiler  
c) Globalization and Localization

