

**P-500**

**Total No. of Pages : 2**

Seat No.	
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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.**

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**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.**

