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Roll No .....

**MCA-504(E)****M.C.A. V Semester**

Examination, December 2017

**Dot Net Technology**

(Elective - II)

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) What do you mean by Microsoft Intermediate language (MSIL)? Compare it with Java byte code. 7
- b) List the different features of VB .Net that does not support by visual basic. 7
2. a) Explain .Net framework class library that is used by CLR. 7
- b) Explain the functions of common language run time systems in .Net framework. 7
3. a) Explain the different elements of VB .Net. 7
- b) Write small code in VB .Net to calculate  $x^y$  using control flow structure support by It. 7

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4. a) How to create an array and structure in VB .Net? 7
- b) Explain the implementation of inheritance in VB .Net. Write a small code for it by using any example. 7
5. a) What do you mean by exception handling? How it is manage in VB .Net? 7
- b) What do you mean by web applications? How it is created with the help of ASP .Net? 7
6. a) Compare C#.Net with VB .Net. 7
- b) How to access data of a particular file in VB .Net. 7
7. Explain the steps to develop an application in .Net framework (Either desktop or web /distributed applications). How to create an user interface in that applications? How data from database can be accessed from that application? 14
8. Write short notes on any two : 14
  - a) Meta data and assembly
  - b) Enumerator in VB .Net
  - c) Adapter and delegates
  - d) Collections in VB .Net

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