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**MCA 5th Semester Current scheme with new notes
maximum marks scheme 80 Examination,
December-2015
ADVANCED TECHNOLOGY
Paper-MCA-501**

Time allowed : 3 hours]

[Maximum marks : 80

Note : Attempt five questions in all. Question no. 1 is compulsory. Attempt four more questions, selecting one question from each unit.

1. (a) What is jagged array ? 2×8=16
(b) What is hash table ?
(c) What is advance grid manipulation ?
(d) What is web service ?
(e) What is multicasting event ?
(f) What is text box ?
(g) What is data adapter ?
(h) What is data row ?

Unit-I

2. What is importance of IL, JIT and CLR in .net framework ? What is used of .net architecture ? Explain managed code, assemblies with suitable example. 16

67241-P-3 Q-9 (15)

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(2)

3. Explain the following with examples : 4+4+4+4

- (a) Execution of assembly language
- (b) Common language specification
- (c) Common type system
- (d) MSIL.

Unit-II

- 4. (a) What are basic features of C# ? Differentiate between each loop available in C#. Explain. 10
- (b) What is exception handling ? How they are declared. 6

- 5. What is an event ? Detail out the construct which must be declared before declaring an event, with suitable C# code. 16

Unit-III

- 6. How to use ADO .Net ? What is architecture of ADO .Net ? Explain data reader, Data Relation, and data grid constructor with example. 16

- 7. Explain the following with example : 5+5+6

- (a) Overloading and over ridding

- (b) Polymorphism

- (c) .net data provider.

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(2) 6-9-14/13

Unit-IV

(3)

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- 8. What do you understand by Anatomy of ASP .Net page? Explain various types of files which are created in ASP .net along with their purpose. 16

- 9. (a) Define .net passport. Create an object of this type in C#. 16

- (b) Explain the following with ASP .net
- (i) Check box 8
- (ii) Radio button. 8

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