

AU-360

M.Sc. Part—I Semester—II (CBCS Scheme) Examination

(New Course)

2MCSW1 : COMPUTER SOFTWARE

(Programming in C#)

Paper—V

Time : Three Hours]

[Maximum Marks : 80

Note :---Assume suitable data wherever necessary.

1. (a) Explain the origin of .NET technology. 7
- (b) Describe framework base classes. 4
- (c) Describe different .NET applications. 3

OR

2. (a) Explain different features of .NET framework. 7
- (b) Explain CLR in detail. 7
3. (a) Explain type casting with an example. 7
- (b) Explain While-Loop with an example. 7

OR

4. (a) Explain command line argument. Write suitable program. 7
- (b) Explain Bitwise Operator with example. 7
5. (a) How classes are implemented in C# ? Explain in detail. 7
- (b) What do you mean by method overloading ? Explain with example. 6

OR

6. (a) Explain use of static methods with example. 7
- (b) Explain the purpose of virtual methods. Give examples. 6
7. (a) What is structure ? Explain with suitable example. 7
- (b) Explain try and catch block in detail. 6

OR

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(Contd.)

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| 8. | (a) | What is an array ? Explain in detail. | 7 |
| | (b) | What are different types of error ? Explain. | 6 |
| 9. | (a) | Explain console class in detail. | 7 |
| | (b) | Explain file manipulation with example. | 6 |

OR

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| 10. | (a) | Write a program in C# to copy contents of one file to other file. | 10 |
| | (b) | Explain file security used in C#. | 3 |
| 11. | (a) | Explain overview of ADO .NET in brief. | 10 |
| | (b) | Explain Data Reader. | 3 |

OR

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| 12. | (a) | Explain various .NET data providers | 7 |
| | (b) | Explain the process of accessing data from database. | 6 |