

**EVN-2699**

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[Roll No. ....

**B.C.A. VI Semester  
Session 2023-24**

**.NET FRAME WORK**

Paper : I (BCA-601)

Time : 2:30 Hours]

[Max. Marks : 70

*Note* : Attempt any *five* questions. All questions carry equal marks.

- Q. 1. (a) What are the characteristics of .Net ? Explain.  
(b) Explain the term namespace. Discuss the various contents of System namespace.
- Q. 2. (a) Explain CLR Architecture and Services.  
(b) Discuss data type and control constructs.
- Q. 3. (a) Discuss arrays with example.  
(b) Write a code to implement calculator.
- Q. 4. (a) Explain inheritance with example.  
(b) What do you mean by Properties in C#. Explain those using suitable examples.

- Q. 5. (a) Discuss polymorphism.  
(b) What is Exception ? Explain exception handling with the help of an example.
- Q. 6. (a) Define following terms :  
(i) CTS  
(ii) MSIL  
(iii) BCL  
(iv) CLI

- Q. 7. Write short notes on the following :  
(a) Event Driven Programming  
(b) Multithreading  
(c) File and Directory Class  
(d) Implementation Interface in a Class

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