

ST. JOSEPH'S EVENING COLLEGE (AUTONOMOUS)

VI SEMESTER BCA EXAMINATIONS - APRIL 2019

DOT NET TECHNOLOGIES

Duration: 2.5 Hours

Max. Marks: 70

SECTION - A

I) Answer any SIX of the following questions. (6x3=18)

1. List the difference between C++ and C#
2. What is a token? List the different types of token used in c#.
3. List the difference between break and continue statement with suitable examples.
4. What is array? List the different types of array in c#.
5. What is class and object?
6. What is the difference between mutable and immutable string?
7. What is indexer? Write the syntax for using indexer in c#?
8. What is .Net frame work? List any four components of .Net framework.

SECTION - B

II) Answer any FOUR of the following questions. (4x8=32)

9. Explain the component of .Net frame work.
10. What is operator? List the operator used in c#.
11. What is type casting? List the different types of type casting used in c#. Illustrate with an example.
12. What is the difference between for and for each loop?
13. Define operator overloading? Illustrate with an example.
14. What is thread? Write a program to illustrate the working of thread?

SECTION - C

III) Answer any TWO of the following questions. (2x10=20)

15. What is multiple inheritance? Write a program to illustrate the working of inheritance?
16. What is delegate? Write a program to illustrate the working of delegate.
17. What is polymorphism? Write a program to illustrate the working of polymorphism.