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| **ST. JOSEPH’S COLLEGE (AUTONOMOUS), BANGALORE-27** | | | | | |
| **B.C.A – IVSEMESTER** | | | | | |
| **Special Supplementary Examination, JUNE 2019** | | | | | |
| **CA 6315- Dot Net Technology** | | | | | |
| **Time- 2 1/2 hrs** | |  | **Max Marks-70** | | |
| Supplementary candidates only. | | | | | | |
| Part A  Answer all of the following (2\*10=20) | | | | | | |

1. What is jagged arrays?
2. What is the difference between ref and out parameter?
3. Describe the accessibility modifier “protected internal”.
4. What is the difference between a static method and instance method?
5. What is indexers in c#.net?
6. “ C# code is managed /unmanaged code?” Justify.
7. What is the purpose of “using directive” in a C#program?
8. What are the different validators in asp.net?
9. What is an assembly?Name the different components of it?
10. What is dataset?

Part B

Answer any five of the following (6\*5=30)

1. Explain the following terms
2. CLR
3. CTS
4. MSIL
5. What are parameter array? List three restriction in declaring parameter array? Give a suitable example to demonstrate parameter array.
6. Compare and contrast abstract class and sealed class with suitable example.
7. What is riding a method? How is it achieved in C#
8. Explain the multithreading with suitable example.
9. What is property? Explain readonly writeonly property with example.
10. Draw and explain ADO .net architecture

Part C

Answer any two of the following (2\*10=20)

1. Explain .net framework architecture with a block diagram`
2. What is delegate? Explain it with suitable example.
3. Design an ASP.net page to calculate area of square,circle,rectangle and triangle using C#.net.