

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MCA DEGREE EXAMINATION DECEMBER 2018
(Fourth Semester)

Branch - COMPUTER APPLICATIONS

DISTRIBUTED TECHNOLOGIES

Time: Three Hours

Maximum: 75 Marks

SECTION -A (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks (5 x6 = 30)

- 1 a Describe the roles of CLR in .NET framework.
OR
b What do you mean by managed code and unmanaged code? Explain.
- 2 a Write and explain the control statements used in C#.
OR
b With an example explain enumeration type in C#.
- 3 a What is ASP.NET? What are the features of ASP.NET?
OR
b What are the web server controls in ASP.NET? What is the difference between web user control and web custom control in ASP.NET?
- 4 a Create a simple ASP.NET page? How can you upload a file from an ASP.NET page?
OR
b What are navigation controls? How many navigation controls are there in ASP.NET? Explain.
- 5 a How can you remove or add from the Data table object of Data set.
OR
b What do you mean by data adaptor? Explain. What are the basic methods of data adaptor?

SECTION -B (45 Marks)

Answer any THREE questions

ALL questions carry EQUAL Marks (3 x 15 = 45)

- 6 Explain :
(i) Framework class libraries (ii) Garbage collection
- 7 Explain constructors and destructors in detail.
- 8 Discuss about HTML controls.
- 9 Explain validation control in detail.
- 10 Explain the architecture of ADO.NET in brief.