

**PSG COLLEGE OF ARTS & SCIENCE**  
(AUTONOMOUS)  
**MCA DEGREE EXAMINATION MAY 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 x 6 = 30)

- 1 a Briefly describe the role of CLR in .NET framework.  
OR  
b Explain Unmanaged code.
- 2 a Explain looping statements in C# with suitable examples.  
OR  
b Explain Structs and its access modifiers in detail.
- 3 a Discuss the anatomy of an ASP.NET web page.  
OR  
b Explain the following HTML controls available in ASP.NET.  
(i) Image (ii) Textfield
- 4 a What is Range Validator control? List its properties and its data types.  
OR  
b Describe Data list control and its templates.
- 5 a Explain the architecture of ADONET.  
OR  
b Discuss the methods of the Data Table class.

**SECTION -B (45 Marks)**

Answer any **THREE** questions

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

- 6 Discuss the .NET framework Class Library in detail.
- 7 What are Delegates? Explain creating and using Delegates.
- 8 Explain the usage of Button web control in ASP.NET with a program.
- 9 Explain any 5 Page Directives of ASP.NET.
- 10 Explain various dataset objects in ADO.NET.

**Z-Z-Z**

**END**