

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
MCA DEGREE EXAMINATION MAY 2019
(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 Define CLR and list down the features of CLR in .Net framework.
OR
b Write and explain the CLS and CTS in .Net framework.
- 2 a Explain about Control statements used in C#.
OR
b Explain about constructor and destructor in C# with suitable example.
- 3 a What is ASP.NET? Explain about ASP.NET architecture.
OR
b Write a short note on web controls for displaying and formatting data.
- 4 a Create a simple ASP.NET page to upload a file.
OR
b Explain the following (i) Page Navigation options
(ii) Creating a Layout
- 5 a Write a short note on Data List and Data Grid Controls.
OR
b What do you mean by Data Adapter? Explain.

SECTION -B (45 Marks)

Answer any **THREE** questions

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

- 6 Explain: (i) JIT Compilation (ii) Garbage Collection.
- 7 Explain the following in C# : (i) Exception Handling (ii) Strings.
- 8 Discuss about the anatomy of ASP.NET pages.
- 9 Explain validation controls in detail.
- 10 Explain the architecture of ADO.NET in brief.

Z-Z-Z

END