

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
BSc DEGREE EXAMINATION MAY 2017
(Fourth Semester)

Branch - COMPUTER TECHNOLOGY

DOT NET PROGRAMMING

Time : Three Hours

Maximum : 75 Marks

SECTION-A (20 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10x2 = 20)

- 1 What is meant by CLR?
- 2 What is JIT compilation?
- 3 What do you mean by comments?
- 4 Define: Class.
- 5 List out any four features of ASP.NET.
- 6 How will you format data in ASP.NET?
- 7 List out the miscellaneous basic controls in ASP.NET.
- 8 How will you create a web application in ASP.NET?
- 9 What is meant by ADO.NET?
- 10 What do you mean by Data table object? •

SECTION - B (25 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 5 = 25)

- 11 a Explain the building blocks of .NET.
OR
b Write a note on: Garbage collection.
- 12 a Explain about C# data types with examples.
OR
b What is meant by constructor? Explain.
- 13 a Explain the anatomy of ASP.NET pages in detail.
OR
b Discuss in detail about the web controls for selecting choices.
- 14 a Explain about the ASP.NET rich controls with an example.
OR
b How would you create a layout using master pages? Explain.
- 15 a Describe about ADO.NET architecture.
OR
b Explain about the typed data set objects.

SECTION - C (30 Marks)

Answer any THREE Questions

ALL Questions Carry EQUAL Marks (3 x 10 = 30)

- 16 Illustrate the functions of .NET framework class libraries.
- 17 Explain the various control statements in C# with suitable example.
- 18 Discuss about the ASP.NET architecture with neat diagram.
- 19 Write a brief note on validation controls with an example.
- 20 Discuss about data list and data grid control in ASP.NET.