

**S.Y. B. SC. (Computer Science) SEM –IV (CBCS - 2016 COURSE) :**  
**SUMMER - 2019**  
**SUBJECT: ASP. NET**

Day : Friday  
Date : 03/05/2019

**S-2019-1097**

Time: 11.00 AM TO 02.00 PM  
Max. Mar : 60

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**N.B.:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
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- Q1.** Answer **ANY TWO** of the following: **(12)**
- a) Write a code to create a web service to calculate circumference of a circle. Also write the steps to implement the above web service in a web application.
  - b) Differentiate between DataReader and DataAdapter Object with diagram.
  - c) Describe ASP.NET component model in detail.
- Q2.** Answer **ANY TWO** of the following: **(12)**
- a) Write the steps to deploy ASP.Net application by using web Setup template.
  - b) Write a code to calculate factorial of a number in ASP.NET.
  - c) Write down the steps to build a crystal report in ASP.NET.
- Q3.** Answer **ANY TWO** of the following: **(12)**
- a) What is meant by a web service? Explain the components of a web service with appropriate diagram.
  - b) Differentiate between C# and ASP.NET.
  - c) What are the objects used in disconnected ADO.NET?
- Q4.** Answer **ANY THREE** of the following: **(12)**
- a) Write a code to retrieve account details in the ListView by using DataReader object.
  - b) What is the difference between DataAdapter and DataSet.
  - c) Write the steps to add data from multiple tables in crystal report.
  - d) Elaborate any four page directives in ASP.NET.
- Q5.** Answer **ANY FOUR** of the following: **(12)**
- a) Write a code to handle 'Divide by zero' exception used in ASP.NET.
  - b) Why web-services are "platform independent"?
  - c) Write steps to set group header and footer for a crystal report.
  - d) Write the steps to use SqlConnection object to bind with "Stud" database.
  - e) Write a note on .Net data access infrastructure.