

**S.Y. B. SC. (Computer Science) SEM –IV (CBCS - 2016 COURSE) :**  
**WINTER - 2018**

**SUBJECT: ASP. NET**

Day : Thursday  
Date : 11/10/2018

**W-2018-0921**

Time: 03.00 PM TO 06.00 PM  
Max. Marks: 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) Describe ASP.NET component model in detail.
  - b) Elaborate disconnected architecture of ADO.NET.
  - c) Write a code to create a web service to calculate square of a number. Also write the steps to implement the above web service in a web application.
- Q2.** Answer **ANY TWO** of the following: **(12)**
- a) Differentiate between C# and ASP.NET.
  - b) Write down the steps to deploy ASP.NET application.
  - c) Discuss the difference in connected and disconnected objects of ADO.NET.
- Q3.** Answer **ANY TWO** of the following: **(12)**
- a) Write a code to display employee details from 'emp' table in a GridView by using disconnected database objects.
  - b) Write a note on DataAdapter used in ADO.NET in detail.
  - c) Write steps to create crystal reports in ASP.NET.
- Q4.** Answer **ANY THREE** of the following: **(12)**
- a) What do you mean by page direction in ASP.NET? Explain any one of them.
  - b) Explain parameters used in Command object in ADO.NET.
  - c) Write steps to set group header and footer for a crystal report.
  - d) Write a code to handle user defined exception used in ASP.NET.
- Q5.** Answer **ANY FOUR** of the following: **(12)**
- a) Differentiate between web service and web application.
  - b) What is SqlConnection?
  - c) State various features of ASP.NET.
  - d) Draw a neat and labeled diagram of Web service architecture.
  - e) Write down steps to use 'DataReader'.