

**BACHELOR OF SCIENCE (COMPUTER SCIENCE) (CBCS - 2018 COURSE)**  
**S.Y.B.Sc.(Computer Science) Sem-IV : WINTER :- 2021**  
**SUBJECT: ASP.NET**

Day : Thursday  
Date 20-01-2022

W-20104-2021

Time : 02:00 PM-05:00 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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- Q.1** Answer **ANY TWO** of the following: **(12)**
- a) Write a neat and labelled diagram of web service architecture.
  - b) Write steps to create crystal reports in ASP. Net.
  - c) Explain connection and command object in connected architecture.
- Q.2** 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 web service in a web application.
  - b) Describe ASP.Net component model in detail.
  - c) Illustrate objects used in disconnected ADO.Net.
- Q.3** Answer **ANY TWO** of the following: **(12)**
- a) Differentiate between ASP.Net and C#.
  - b) Write the steps to deploy application using Wizard.
  - c) Write a code to show student detail from student table in the grid view by using connected ADO.Net object.
- Q.4** Answer **ANY THREE** of the following: **(12)**
- a) Write note on CAB projects.
  - b) Explain Data Access infrastructure in .Net.
  - c) Write features of Web Application.
  - d) Explain WSDL and DISCO.
- Q.5** Answer **ANY FOUR** of the following: **(12)**
- a) Explain page directive.
  - b) Write features of ADO.Net.
  - c) Differentiate between connected and disconnected architecture.
  - d) Write note on SOAP.
  - e) Explain the parts of web service.
  - f) Write use of Header and Footer in crystal report.

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