

**SUTEX BANK COLLEGE OF COMPUTER APPLICATIONS & SCIENCE, AMROLI**  
**T.Y.B.C.A. PROGRAMME**  
**MODEL QUESTION PAPER**

<b>SEMESTER : 5th</b> <b>SUBJECT :505 .NET Technology</b> <b>ACADEMIC YEAR : 2025-26</b>	<b>TIME : 1 hr</b> <b>MARKS : 25</b>
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**Q: 1(A) Answer in short(Any Four) [4]**

1. Which component of .NET framework provides runtime environment?  
A. ASP.NET B. CLR  
C. BCL D. IIS
2. Which ADO.NET component provides a bridge between a DataSet and a database?  
A. SqlConnection B. SqlCommand  
C. SqlDataAdapter D. SqlDataReader
3. Which section in Web.config is used to define database connection strings?  
A. <system.web> B. <appSettings>  
C. <connectionStrings> D. <authentication>
4. What approximate value of  $\pi$  (pi) was given by Aryabhata in Verse 3.1?  
A. 3.12 B. 3.1416  
C. 3.141 D. 3.14158
5. Query strings are passed in the URL after:  
A. A period (.) B. A colon (:)  
C. A question mark (?) D. A hash (#)

**Q:1 (B) Answer the following.(Any Four) [4]**

1. What is code-behind in ASP.NET?
2. List out Validation Control.
3. Difference between Data Adapter and Data Reader.
4. What is a web service?
5. What are data binding events in ASP.NET?

**Q: 2 Answer the following. [5]**

(A). Explain Gridview control.

**OR**

(A). Explain label, Textbox and button control with examples.

(B). Write a note on dataset and dataadapter. [4]

**Q: 3 Answer the following.(Any Two) [8]**

- (A). What is querystring? How user can create and use it?
- (B). Write a short note on web services.
- (C). Discuss the web.config file with example.