

Question Paper

Exam Date & Time: 02-Jan-2023 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal School of Information Sciences (MSIS), Manipal
Third Semester M.Sc. (Information Science) Degree Examination - January 2023

ASP.NET and ADO.NET [MIS 601]

Marks: 100

Duration: 180 mins.

Monday, January 1, 2023

Answer all the questions.

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| 1) | Define CLR, CTS, CLS and base class libraries. With a sketch explain their relationships. (10 MARKS) | (10) |
| 2) | What are the key features of html server controls? Briefly explain converting an html page to an asp.net page. (10 MARKS) | (10) |
| 3) | What are the various advantages of using web controls? (10 MARKS) | (10) |
| 4) | What are the various ways of sending a user to a new page? (10 MARKS) | (10) |
| 5) | Write short notes on handling exceptions. (10 MARKS) | (10) |
| 6) | What are cookies? Explain how to insert, retrieve and delete cookies. (10 MARKS) | (10) |
| 7) | Explain briefly headers collection, form collection and query string collection. (3 + 3 + 4 MARKS) | (10) |
| 8) | Mention any 5 properties of the base validator class and explain compare validator. (10 MARKS) | (10) |
| 9) | Explain the disconnected data access with respect to ADO .NET. (10 MARKS) | (10) |
| 10) | Write short notes on the following objects. (3 + 3 + 4 MARKS)
a) SqlConnection b) SqlCommand c) SqlDataReader. | (10) |

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