

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION, MANIPAL
MANIPAL SCHOOL OF INFORMATION SCIENCES, MANIPAL

THIRD SEMESTER MASTER OF SCIENCE – M.Sc. (INFORMATION SCIENCE)

DEGREE EXAMINATION – NOVEMBER 2021

SUBJECT: MIS 601 – ASP.NET and ADO.NET

Monday, November 22, 2021

Time: 10.00 – 13.00 Hrs.

Max.Marks:100

All questions carry 10 marks each

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