

2111040103030002
EXAMINATION MARCH-APRIL 2024
MASTER OF COMPUTER APPLICATIONS
(THIRD SEMESTER)
ADVANCED WEB TECHNOLOGIES LEVEL 3

[Time: As Per Schedule]

[Max. Marks: 70]

Instructions:

1. Fill up strictly the following details on your answer book
 - a. Name of the Examination : **MASTER OF COMPUTER APPLICATIONS (THIRD SEMESTER)**
 - b. Name of the Subject : **ADVANCED WEB TECHNOLOGIES LEVEL 3**
 - c. Subject Code No : **2111040103030002**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory. Give figures and examples wherever applicable.

Seat No:

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Student's Signature

Q.1 Do as directed. 16

A) Answer following in short. 10

- 1) What is web.config?
- 2) Explain use of Query String.
- 3) What is Post Back?
- 4) How to configure error page in ASP.NET application?
- 5) What is Pattern Matching in C#.NET?

B) Write a note on ASP.NET page lifecycle. 6

OR

B) What is View State? How is it useful for web application state management? 6

Q.2 Attempt any THREE. 18

- A.** Write a note on Data Caching in detail.
- B.** Explain any two validation controls in ASP.NET.

C. How to configure an ASP.NET web application with AJAX? Explain any two AJAX controls using example.

D. Explain any two data controls with example.

Q.3 Attempt any THREE.

18

A. Explain importance of MVC architecture for Rapid Application Development.

B. What is NuGet? How is it useful for .NET Core application development?

C. Explain limitations of Local Function with example.

D. Write a detail note on URL routing and its configuration in MVC Application.

Q.4 Attempt any THREE.

18

A. What is Tuple in C#.NET? How is it different from other datatypes? Explain with example.

B. Explain difference between Web API and Web Service in detail.

C. What is Navigation control in ASP .NET? Explain any one in detail.

D. What is WCF? Explain its various binding techniques.
