CLASS: M.Tech   SEMESTER : II
BRANCH: IT   SESSION : SP/19

SUBJECT: IT512 ADVANCED WEB TECHNLOGIES

TIME: 3 Hours   FULL MARKS: 50

INSTRUCTIONS:
1. The question paper contains 5 questions each of 10 marks and total 50 marks.
2. Attempt all questions.
3. The missing data, if any, may be assumed suitably.
4. Before attempting the question paper, be sure that you have got the correct question paper.
5. Tables/Data hand book/Graph paper etc. to be supplied to the candidates in the examination hall.

Q.1(a)	What are benefits of using .NET over other web technologies? Mention the key features those have been used in .NET technologies.	[5]
Q.1(b)	What is Object Relation Mapping and how ORM has been implemented in .NET MVC?	[5]
Q.2(a)	What is Entity Data Model? With a suitable example build a model explaining the key components.	[5]
Q.2(b)	How sorting is implemented over records of data stored in database? Explain the design in each layer of MVC?	[5]
Q.3(a)	What is Identity? How authorization has been implemented using role based Identity?	[5]
Q.3(b)	How user and password management is done in ASP .NET MVC platform?	[5]
Q.4(a)	Explain various types of selectors and inheritance in CSS.	[5]
Q.4(b)	Describe how animations can be implemented using CSS in a web page.	[5]
Q.5(a)	Provide a responsive design for a mobile based platform for an on line inventor management system. Explain with neat design (HTML, CSS, Razor).	[5]
Q.5(b)	Explain about Media Queries used in responsive design.	[5]

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