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S. D. M. COLLEGE OF ENGINEERING & TECHNOLOGY

Department of Computer Science and Engineering
Make-Up Test

Class	: Sem VIII	Date: 08-05-2015
Course Title	: Web 2.0 & Rich Internet Applications	Duration: 3:00 Hr.
Course Code	: CS476	Max. Marks: 20
Course Instructor	: Prathap Kumar, Mayur Patil	Time: 10:30-1:30

Note: Q3 is compulsory. Answer anyone from Q1 and Q2.

Q1.

- a) **Design** a simple Banking Application using any appropriate data structures of Python and HTML5 to implement following features: 1) Open an SB Account (Account_Number, Name, Phone, Email_Id, Address) 2) Debit (Ensure minimum balance is 2,000/-) 3) Credit (In multiples of 100/-) 4) Exit. Note: On creating an account, a deposit of 5,000/- is credited to the account. **[Marks : 8, CO -> 3]**
- b) **Compare and Contrast** Python and Java. **[Marks : 2, CO -> 1,3]**

Q2.

- a) **Develop** a Hostel Management System using PHP, MySQL/any database, HTML5 to perform CRUD operations with following details: Student(USN, Name, Sem, Room_No). **[Marks : 8, CO -> 1,3]**
- b) **Compare and contrast** PHP and JavaScript and Servlet. **[Marks : 2, CO -> 1,2,3]**

Q3.

- a) **Develop** a RESTful client application with necessary RESTful web services for an event management system with following tables: Participants(Participant_Code, Participant_Name), Event(Event_Code, Event_Name), Participation(Participant_Code, Event_Code). **[Marks : 5+3, CO -> 2]**
- b) **List** any 4 creative mashup applications which you have come across. **[Marks : 2, CO -> 2]**