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Amrita Vishwa Vidyapeetham

B.Tech. Second Assessment - October -2017

Fifth Semester

Computer Science and Engineering

**15CSE337 Cloud Computing and Services**

**Answer all the questions**

1. State the difference between Java EE and Node JS frame work. (3 Marks)
2. Draw and explain the request response model and Single threaded event loop model architectures. (5 Marks)
3. Answer the following questions with example. (8 Marks)
   1. Node Js Modules
   2. Cookies in Express JS
4. Why call back functions are necessary in Java script. (4 Marks)
5. Create an application which manages employees.

The application should manage the following data of an employee: ID, name, surname, level and salary. Name and surname are strings, while ID, level and Salary are integer.

The application should allow to search an employee using his/her ID. If the employee exists, it will show his/her data in a form, otherwise it will show and empty form.

Your application should includes

1. Save operation , which stores the data into the text file ( 10 Marks)
2. Search option with respect to the Emp Id (10 Marks)
3. Pug or JADE template function (10 Marks)