KLS Gogte Institute of Technology, Belagavi

Department of Computer Science & Engineering Academic Year: 2019-20

**Internal Assessment Test II**

**Subject: Advanced Web** (**Elective**)  **Code: 16CS551**

Semester: V Date: 27/09/2018

Max. Marks: 25 Duration: 2 Hr

***Note: Answer any 5 questions. Each question carries equal Marks.***

1. List and explain five basic stages of rapid prototype development of MEAN stack application. [L1, L2, CO1, PO1].
2. What is REST API? Explain the three options for designing the architecture of the *Loc8r* application with proper diagram. [L1, L3, CO2, PO3].
3. a) With diagram explain the request-response flow of basic MVC architecture.

b) What is the significance of controller in MVC? Write down the controller code for *HOME* page along with router definition. [L1,L2, CO1, PO1].

1. Define *routes* for
   * 1. *location-info* page,
     2. *addreview* page and
     3. *About* page

in the Loc8r application. And also write down their respective controller codes.[L2, CO1, PO1,3]

1. Explain the bootstrap responsive grid system for different types of devices.[L3, CO2, PO1].
2. Sketch the layout for the *HOME* page of *Loc8r* application. And also write the code for *layout.jade* file. [L3, CO2, PO3].
3. Write down the code for *add-review form* page of the *Loc8r* application with necessary diagrams. [L3, CO2, PO3].