JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST-1 EXAMINATION (FEB 2018)
B-Tech (8rd SEM)

Course Code: 12B1WCI831

Course Name: Cloud Computing

Course Credit: 3

Max. Marks: 15

Max. Time: 1 HRS

Note: All questions are compulsory

Q. No. 1   State and explain different computing paradigm helped in creation of cloud computing.   **[3 Marks]**

Q. No. 2   Suppose you have to develop a web application based on platforms like Node.js, Java, Ruby and SQL. Team leader wants to deploy cloud services for development. Which cloud service model, you will use? Justify your solution by specific services offered by your selected cloud service provider.   **[3 Marks]**

Q. No. 3   Draw the architecture and explain each component (in brief) of NIST Cloud Computing Reference Architecture.   **[3 Marks]**

Q. No. 4   Define Cloud Computing and state its major difference with traditional IT infrastructure.   **[3 Marks]**

Q. No. 5   List different usage areas of Grid computing and how these can be achieved using Cloud Computing.   **[3 Marks]**