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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST-1 EXAMINATION (FEB 2020)
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 Explain following distributed computing technologies and state their relationship with cloud computing **[3 Marks]** **CO-1**
  i.   Autonomic Computing
  ii.   Personal Computing
  iii. Ubiquitous Computing

Q. No. 2 John is General Manager in Online Banking System, his bank asked him to study the feasibility of using cloud computing. List major advantages and disadvantages of cloud computing which John can present to the committee. **[3 Marks]** **CO-1**

Q. No. 3 Explain following terminologies in relation to cloud computing. **[3 Marks]** **CO-2**
  i.   Graceful Failure
  ii.   Multitenancy
  iii. Resource Provisioning

Q. No. 4 Following are three application scenarios, describe which cloud service model and cloud deployment model these applications will use and state the reasons for the same. **[6 Marks]** **CO-1**
  i.   Platform which can be used for E-mail communication by any organizations.
  ii.   Sensors deployed to collect weather data which can be used by any other application using APIs.
  iii. Series of GPUs connected to provide image rendering services to third party games.