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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT  
TEST-1 EXAMINATION- February -2019  
B.Tech VIII Semester

COURSE CODE: 15B1WCI833

MAX. MARKS: 15

COURSE NAME: Big Data Analytics

COURSE CREDITS: 03

MAX. TIME: 1 HRS

*Note: All questions are compulsory. Carrying of mobile phone during examinations will be treated as case of unfair means.*

1. Explain information/Knowledge pyramid with suitable diagram and examples. How could you differentiate ordinary computing, machine learning and artificial intelligence algorithms with each other? [3]
2. What is hold out process? What are different formats of information discovered? Explain with examples. Why sensor based production rules are important in decision making? [3]
3. Explain the following challenges to research community with suitable examples as far as data processing is concerned: a. Over fitting b. Missing values and noise c. High Dimensionality [3]
4. What is big data? How could you model the features of big data? Explain with suitable examples. [3]
5. Explain three tier model of big data processing frame work with suitable diagram. How data storage is a burden in big data processing? Suggest possible solutions to overcome the same. [3]