

Department of Computer Science & Engineering
Motilal Nehru National Institute of Technology Allahabad
End Semester Examination 2016-17
Class: B. Tech 4th Semester (CS/IT) 2016-2017
Subject: Contemporary Issues in IT Code: (CS-1405)

M.M.: 60 Marks

Time: 3 Hrs

All questions are compulsory and carry equal marks.

- Q1. Explain the key features that are considered for evaluating the methodologies incorporated in designing any Ontology.**
- Q2. Write a brief biography of four ACM Turing Award recipients in about 70 words each.**
- Q3. What are the characteristics of a flame graph? How flame graphs are helpful in interpreting CPU profile outputs, explain with a suitable example.**
- Q4. Discuss the main components of Ontology. Give two appropriate examples for each of the components.**
- Q5. You are working as an IT Manager in a real estate firm that builds old-age home. Give your opinion on developing a smart old-age home from an IT perspective in around 150 words.**
- Q6. Write short notes on:**
- i) Privacy Research Directions**
 - ii) Spatial Computing**
 - iii) Stack Tool**
 - iv) CSR**
 - v) Bitcoin**