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| **IMS ENGINEERING COLLEGE** | IMSEC/QF/48 |
| **FORMATS** | Page 1 of 1 |
| Issue No: 02 |
| **Tutorials/ Assignments/ Quizzes** | Issue Date: 1 May 2010 |
| **Prepared by: MR** | **Approved by: Director** |
| **Subject Name Distributed System** | **Subject Code** | RCS 701 |
| **Date of Handout -**  | **Max Marks** | 10 |
| **Date of Submission -**  |  |

**Assignment 2**

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| **Assignment Questions** | CO’s Mapped  |
| 1. What is heterogeneity?  | 1 |
| 2. Explain denial of service attack. | 1 |
| 3. List the different types of transparency. | 1 |
| 4. Define the term system model. | 1 |
| 5. Explain the significance of middleware. | 1 |
| 6. Briefly explain the interaction model. | 1 |
| 7. Define mobile code and mobile agent. | 1 |
| 8. What is the happened before relation? | 1 |
| 9. How we overcome with problem of absence of global clock? | 1 |
| 10 For the following Space Time graph find out that event e11 and e12 are in “Happened before relation “or “concurrent”. Give reason to support your answer. What is the timestamp of e14 and e24 according to lamport’s logical clock? e11 e12 e13 e14  e21 e22 e23 e24 | 1 |