**M S RAMAIAH INSTITUTE OF TECHNOLOGY**

(Autonomous Institute, affiliated to VTU)

**DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING**

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| **Term:** | 17.08.2016 to 17.12.2016 | **Course Code:** | IS531/IS611 |
| **Course:** | Computer Networks | **Semester:** | V – A, B & C |
| **CIE:** | Test – III | **Max Marks:** | 30 |
| **Date:** | 08.12.2016 | **Time:** | 9.30 AM – 10.30 AM |

**Portions for Test:** Lecture Nos. from 36 to 56 as per lesson plan.

**Instructions to Candidates:** Answer any two questions.

**Note:** Mobiles and Programmable Calculators are strictly prohibited.

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| **Sl. #** | **Question** | **Marks** | **Bloom’s Level #** | **COs** |
| 1 | 1. Briefly describe the working of Recursive Resolution and Iterative Resolution in DNS. | 8 | U | CO4 |
| 1. With diagram, discuss the basic model of File Transfer Protocol. | 7 | U | CO5 |
| 2 | 1. What is a choke packet? Illustrate congestion control mechanism in TCP | 8 | U | CO4 |
| 1. Discuss any seven types of packets (PDUs) defined by SNMP. | 7 | U | CO5 |
| 3 | 1. Explain the two techniques and its implementation used in shaping the traffic. | 8 | A | CO4 |
| 1. Briefly explain the functionalities of a network management system. | 7 | R | CO5 |

R: Remember ; U: Understand; A: Apply