Sardar Patel Institute of Technology
Bhavan's Campus, Munshi Nagar, Andheri (West), Mumbai-400058, India
(Autonomous College Affiliated To University of Mumbai)

Mid Semester Examination
March 2019

Max. Marks: 20	**Duration: 1 Hrs**
Class: TE EXTC	**Semester: VI**

Name of the Course: Computer Communication Network
Course Code: ET602
Branch: Electronics and Telecommunication

Instruction:
All questions are compulsory
Draw neat diagrams
Assume suitable data if necessary with justification

Q1(a)	Explain OSI reference model in detail. (You have to explain all seven layers with it's functionality)	**5 Marks**	**CO1**
Q1(b)	Explain DNS server in detail. (Introduction, Basic functionality,Name Space,Hierarchy of name servers,Examples) OR Explain Recursive Resolution and Iterative Resolution	**5 Marks**	**CO2**
Q2(a)	Explain SMTP in detail. (Introduction, Basic functionality,Commands,Examples,Limitation) OR Explain Post office protocol,version 3 in detail. (Introduction,Basic operation,Modes of operation,Diagrammatic representation,Disadvantages)	**5 Marks**	**CO2**
Q2(b)	Write short note on Network layer Duties. (Explain any 5 duties of network layer)	**5 Marks**	**CO3**