
 <b>SURESH GYAN VIHAR UNIVERSITY</b> <small>Accredited by NAAC with 'A' Grade</small>		<b>INTERNAL ASSIGNMENT - 1</b>
<b>Course</b>	<b>MCA</b>	<b>Data Communication &amp; Computer Network</b>
<b>Semester</b>	<b>3</b>	
<b>Total Marks:</b>	<b>15</b>	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Explain applications and advantages of IPSec.
  
- B. Describe LAN giving an Example. What are the features of LAN?
  
- C. How are OSI and ISO related to each other?

**Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)**

- A. IEEE Standard 802.3
  
- B. SMTP is a push protocol.
  
- C. Network
  
- D. Domain names
  
- E. IEEE Standard 802.11x

 <b>SURESH GYAN VIHAR UNIVERSITY</b> <small>Accredited by NAAC with 'A' Grade</small>		<b>INTERNAL ASSIGNMENT - 2</b>
<b>Course</b>	<b>MCA</b>	<b>Data Communication &amp; Computer Network</b>
<b>Semester</b>	<b>3</b>	
<b>Total Marks:</b>	<b>15</b>	

**Q.1. Write answers for any two questions from below. (5 marks each – Word limit – 500)**

- A. Compare Duplex, Half Duplex and Full Duplex.
- B. Write short note on Cryptography and Digital Signature
- C. Explain DHCP scope resolution with example.

**Q.2. Write short notes on all of the following topics (1 mark each - Word limit - 100)**

- A. Error Correction
- B. What is packet?
- C. Connection Oriented Network
- D. Internet Telephony
- E. Hamming Code