IT 340 – Network Management
QUIZ

Student Name: ……………………………………………………………………

Student ID: ………………………………………………………………………

Question No. 1: QCM

1. What is the difference between DSL and ADSL?
<u>a) Upstream and downstream frequencies are different in ADSL, but are the same for DSL.</u>

b) Only ADSL is used for Broadband access.

c) DSL goes from the MSO to the CM at the customer site.

d) DSL and ADSL go from the central office to the CM via twisted wire pair loop.

2. All the statements about MMDS and LMDS below are correct except:

   a. MMDS can used in large cell network scenario.

   b. LMDS signal can cover short distance from Base Station to the equipment.

   c. MMDS is ideal for small business enterprises and residential users and LMDS is used for larger businesses.

<u>d. MMDS provides higher bandwidth (in GHz) compared to LMDS.</u>

3. Among the following list of statements, which one is not true?
   a) TMN standards were developed by ITU-T.
   b) TMN standards are based on the OSI framework.
   c) <u>SNMP is a derivative of OSI management technology.</u>
   d) There are standards for TMN Management Services and Functions.

   4. A digital signature needs a(n)_____ system.
   A)   symmetric-key
   <u>B)   asymmetric-key</u>
   C)   either (a) or (b)
   D)   neither (a) nor (b)

5. Parameters of ADSL configuration management include:
a) Line type
b) Noise margin
c) Rate thresholds
d) Vendor ID
e) <u>All of the above</u>

6. ATM is:
a) Connection-oriented
b) Connectionless
c) One-to-one connection
d) <u>a and c</u>

7. A Foreign Agent is :
   a) <u>A router on a mobile node's visited network, which provides services to the mobile node.</u>
   b) A router on a mobile node's home network, which tunnels packets to and from the mobile node via foreign agent.
   c) A host or router that changes point of attachment from one network or subnet to another.
   d) All of the choices is correct.

Question No. 2: True/False

1. EPON stands for Ethernet Passive Optical Network.   <u>True</u>
2. LMDS and MMDS have adapted the DOCSIS standard from the cable modem world. <u>True</u>
3. Failures can be indicated by the absence of a response. <u>True</u>
4. In an asymmetric-key cipher, the receiver uses the public key. <u>False</u>
5. Q3.T/F. There are three levels of noise margin in ADSL management for signal power and data rate. <u>False</u>
6. In terms of networking, ATM stands for Automatic Teller Machine. <u>False</u>
7. 802.16 Fixed Wireless System encompasses multiple end configurations and transmission modes. <u>True</u>
8. At ATM technology all packets take the same path and arrive in the same sequence in virtual circuit. <u>True</u>