Name: _____   Score:_____/50 pts

ANSWER SHEET

General Instructions
1. Read ALL instructions carefully and thoroughly before answering this exam.
2. Write in ballpen ink, the final answers in the space provided. Answers not written in ink, and multiple answers will not be considered.
3. Write legibly. No credit will be given for messy and/or ambiguous answers.
4. Cheating in any form during an examination is considered a major offense and automatically warrants a final grade of 0.0.

I. Analytical Questions/Essay (50 pts)

1-a. FTP [4pts] The task can be done using only one control connection, but two data-transfer connections are needed, one for retrieving and one for storing. Although the data-transfer connection is a two-way connection, one is used for data transfer, the other for acknowledging.
1-b. FTP [4pts] The answer is no. We cannot have a data-transfer connection without a control connection. The data-transfer connection is established with one or more commands issued from a client; there should be a control connection to allow the client to issue these commands.
1-c. FTP [10pts] 1. Server: 220 2. Client: USER NSCOM01 3. Server: 331 (Username OK. Password?) 4. Client: PASS xxxx 5. Server: 230 Logged in 6. Client: MKD /BagongFolder 7. Server: 200 or 257 8. Client: Quit

2. Email Services [10pts]

a. SMTP	d. TCP
b. SMTP	e. PUSH
c. POP/IMAP	

3-a. HTTP Payload Inspection [8pts]

1. `dlsu-logo-green.png`	5. false or true.
2. HTTP 2.0	6. true
3. `dlsu.edu.ph`	7. false
4. false	8. yes

3-b. HTTP Payload Inspection [7pts]	
1. HTTP 2.0	**5. text/html**
2. No	**6. cloudflare**
3. 2054	**7. no**
4. Persistent	

4. Reliable Delivery [7pts]	
a. 192	**e. 2217**
b. 867	**f. 3567**
c. 2892	**g. 4242**
d. 867	