19K-1048 (SE-A) Assignment No	: 03 CS - 3001
a) False  b) True  c) False	
d) False e) False.	Breed of (d
Question 10:03	MARKET TO
Application layer protocol: DNS, Lesides HTTP:	All the second to the second t
· Tromsport layer protocoli · UDP tromsport layer for D  TCP tromsport layer for t	ns and ttr
Question no: 04  a) URL of the clocument yeque  http://gaia.cs.umax.edu/cs453/ind  b) The unowser is running H  c) Since the connection is  Livouser requested a persist  d) IP of the host is not in  e) Browser: Mozilla 5.0, Livouser  is needed because different  handle same webpage di	ex. html TTP version: 1.1.  "keep-alive" lite ent connection. withen in lite merrage.

CALLED TO THE PROPERTY OF THE
Question No. 05
a) The status code: "300 OK" indicate that the
Reply: Tue, 07 Mar 2008, 12:39:45 GMT.
b) The document was last modified on
Saturday, 10 Dec 2005, 18:27:46 GMT.
But utowy, to the good,
c) 3874 lustes are being returned.
() 30.11 001.00
d) First five luter returned: <1 doc.
Persistent Connection agreed since;
Connection: Keep-Alive.
Chinese and the section of the secti
Overtion no: 06
Total time to get IP address since it is
and sloved in the cache: KTI1+KTT2+:+KIIn
since in DNS one visited Lefore host
receives IP address.
DIT to set Up T() connection.
RTTo to receive objects.
Total response time:
JRTTo+ RTTI++ JRTTn.
9K 1 104 IV 1 114 114 Oct.

Overtion No: 09

I found it on internet that you can

do it by using "dig" query. For example

dig flexstudent.nu.edu.pk will give us the

query time for finding it, it it is

Omsec that means it was cached in aux he load DNS. Question no: 10 Formula(s): Client-Server: Des: max & NF/Us , Flomin} Peer - to - Peer:

Dp2p = max & Flus, Flolmin, NF1(us + Z ui) F= 20GB= 20×1024 Usz 30mbps Olmin = Ui= amaps

## Ovestion no: 08

We can take record of DNS raches in the local DNS server time to time, the web server record that appears the most is the most popular server.

If users are interested in a web server than DNS requests for that server are sent more frequently.

## Question No. 011

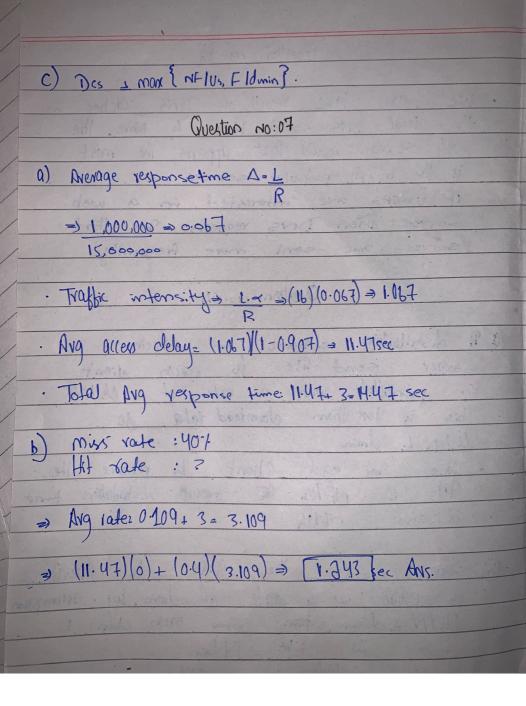
- Server send file to each dient in parallel with a rate of UsIN.

  This is less than download rate so

  UsIN L down.

  Time for each client to receive the file is NFIVs, the overall distribution time in also MFIVs.
  - B). Server sends the file to Client in parallel at a rate of Jain, by assumption Us/N & Jumin, time for each chient to receive the filter Flowing.

    Averall distribution time Flowing.



## Question Noig

message and whatsapp are instant
message and whatsapp are instant
and meda we send to 10s devices
over cellular network or WiFi and is
liased on & APNs (Apple Push Notification
service) protocol,
while whatsapp is available on different
platforms and thes XMPP (Entensible, Messaging
and presence Protocol).

o SMS allow sending and receiving of data Imenages over cellular network. SMS is realized Itmagh Mobile Application Part (MAP) of SS#7 protocol.

imenage and whatapp differ from SMS

as they support photos videos, files etc.

while original menage can only send text

menage. and they work on wifi while

SMS don't