

St. Thomas' College of Engineering & Technology

B. Tech. 7th Semester, 1st Internal Examination, Jan 2021

Internet Technology (CS-705A)

Full Marks : 25

Time : 50 Min.

Group-A

(Multiple Choice Questions)

1×5

1. a) At the time of establishing a data connection using FTP, the client
 - i) uses an ephemeral port and issues an active open
 - ii) uses an ephemeral port and issues a passive open
 - iii) uses an well-known port and issues an active open
 - iv) uses an well-known port and issues an passive open

- b) In case of Telnet, the pseudo-terminal driver is resident at
 - i) the local machine
 - ii) the remote machine
 - iii) both local & remote machines
 - iv) can't say

- c) The DNS client is called
 - i) the Root Server
 - ii) a Zone
 - iii) Primary Domain Controller
 - iv) a Resolver

- d) For the purpose of controlling congestion TCP decides that the sender window size should be _____ of the sizes of receiver window & congestion window.
 - i) maximum
 - ii) minimum
 - iii) equal
 - iv) can't say

- e) When an IP datagram arrives at an intermediate network's gateway, on the way from source to destination, then will it be forwarded through this network or not, depends on
 - i) the MTU size of the intermediate network
 - ii) the TTL value in the datagram
 - iii) both i) & ii)
 - iv) none of the above

Group-B

(Short Answer Type Questions)

2×5

2. Discuss in detail with examples the functions of the following tags in HTML:
 - a) blockquote
 - b) q

(5)

3. Explain the concepts of the following in case of CSS:
 - a) ID selector
 - b) Class selector

(1+2+2)

Group-C
(Long Answer Type Questions)

1×10

4. a) What is the difference between GET & POST methods in HTTP ? What is the purpose of Entity Header ? (2+3)
b) Explain the working of an email-delivery system using SMTP. (5)

OUTCOME BASED EDUCATION (OBE)				
CO mapping With Bloom's Level				
Question No.	Q1	Q2	Q3	Q4
Course Outcome	C303.1	C303.3	C303.3	C303.1
Bloom's Level (in fig)	1	1	2	2

Bloom's Level: Remember = 1, Understand = 2, Apply =3 Analyze = 4 Evaluate = 5, Create = 6