

B.C.A. (H) 4th Semester Examination, 2022
Subject: Computer Application
Course Title: Internet and E-Commerce
Course Code: BCA- 403

Time: 4 Hours **F.M: 80**

Answer question no 1 and any four from the rest. **16x5=80**

1. Answer any eight questions **2X8=16**

- (a) What is firewall?
- (b) Define Web Server with example.
- (c) What is End Point? Give an example.
- (d) What are the differences between connection oriented service and connection less service?
- (e) Write the class name of the following IP addresses:
 - a) 192.172.3.8 b) 200.170.4.1
- (f) What are the full forms of IMAP & ISP?
- (g) What is LOOPBACK IP address?
- (h) What is protocol port? Give an example.
- (i) Define DNS and HTTP.
- (j) What is empty tag in HTML? Give an example.
- (k) What is Intranet?
- (l) What is web browser?

- 2. (a) Write TCP connection open and connection close process with diagram. 8
- (b) Write different services of TCP. 4
- (c) How does TCP control fragmentation? 4

- 3. (a) Write different services of IP? 5
- (b) What is IP datagram? Discuss function of different fields of IP datagram. 6
- (c) Discuss on timestamp option of IP datagram. 5

- 4. (a) Write on different telnet options. 6
- (b) What do you mean by option negotiation? 4
- (c) Write on six (6) telnet commands with examples 6

- 5. (a) Discuss different models of E-commerce. 8
- (b) Discuss different payment option of E-commerce system. 4
- (c) Write different risks that may arise in E-commerce. 4

6. (a) "HTML is Hyper Text Markup Language"—Justify. 4
(b) Write any five (5) tags of HTML with example. 5
(c) How do you insert an image in an HTML file? 3
(d) How do you create the following table in HTML?

A	B	C
D	E	
F		G

7. (a) How does FTP works? Explain. 7
(b) Write different services of FTP. 5
(c) Explain different types of FTP server. 4