

Roll No.

Total Printed Pages - 3

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B. C. A. (Part - II) Examination, 2022

(Old Course)

Paper Sixth

Computer Networking and Internet Technology

(BCA - 204)

Time : Three Hours]

[Maximum Marks:100

Note: Attempt any **two** parts from each unit. All questions carry equal marks.

Unit - I

1. (A) What is protocol? Explain features of any two protocol.
- (B) Describe point to point and multipoint configuration in brief.

- (C) Explain various types of topology with example.

Unit - II

2. (A) Write the function of all layers of OSI model.
- (B) Differentiate OSI model & TCP/IP model.
- (C) Write functions of all layers of TCP/IP model.

Unit - III

3. (A) Explain data transmission in brief and also differentiate parallel transmission and Serial transmission.
- (B) Write brief notes on modem and their features.
- (C) Write short notes on following.
 - (i) DTE - DCF Interface.
 - (ii) Digital & Analog transmission.

Unit - IV

4. (A) What is container and empty tags? Explain any **five** HTML tags with their purpose.
- (B) Describe the architecture of internet and features of WWW.

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(C) Explain following tags with example.

(i) Table tags.

(ii) List tag.

Unit - V

5 (A) Write a program to demonstrate the use of Applet.

(B) Write name and purpose of any **five** Java script command.

(C) What is DHTML? Write features of style sheet.