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RNLKWC/B.Sc.-CBCS/IIIS/COS-C7P/22

2022

Computer Science

[HONOURS]

(CBCS)

(B.Sc. Third Semester Practical End Examination-2022)

PAPER-C7P

Full Marks: 20

Time: 02 Hrs

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

Illustrate the answers wherever necessary

Answer any one question

1x15=15

1. Write a c program for error detecting using CRC12 and the value of message is same as your roll number.
2. Write a program to get the MAC or physical address of the system using Address Resolution Protocol.
3. Write a program to find the hamming code for a given data word.
4. Write a program to find the hamming distance between two given data word.
5. Find the how many parity additional bits are needed in case of given length of message bits.
6. Write a c program to check a given IP address is in correct format or not

(2)

7. Write a c program to find the message after bit oriented stuffing where flag value is 01111110 And payload in 000111111100111110100.
8. Write a program to implement simple client-server application using UDP.
9. Write a program to implement simple client-server application using TCP.

VIVA – 03

PNB - 02
