4008-03

Printed Pages: 4

Degree (Part-II) Vocational Examination, 2021

(Honours)

BCA

[Paper : Third]

[PPU-D-II-(V)-(H)-BCA-3]

Time : Three Hours]

[Maximum Marks: 75

Note : Candidates are required to give their answers in their own words as far as practicable. Answer any five question in all. All the questions are of equal value.



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Define Network Topology. Discuss the types of Network Topology.

40

What is switching techniques ? Discuss advantages of Packet Switching.

- 2.
- What is ISP? Discuss the role of ISP.
- (b) What is E-mail ? Write steps to send a mail to many recipients.

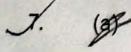
4008-03/1400

(a)

(1)

[P.T.O.]

- (a) State and prove the De'Morgan theorem in Boolean Algebra.
 - What is K-Map ? Discuss K-Map for 2-variable using suitable example.
- (a) What is Internet? Discuss advantages of Internet.
 - (b) Discuss encoder and decoder with suitable example.
- 5. (a) Write formatted input/output function of C-language.
 - (b) What is Variable ? Discuss the scope of variable.
 - (a) What is Operator ? Discuss Binary operator with suitable example.
 - (b) What is type casting ? Discuss the types of type casting.



6.

4.

- Write the difference between while and do-while loop.
- (b) What is pointer ? Write a program to take two number add them using pointer.

4008-03/1400

(2)

- 8. (a) Discuss dynamic memory allocation with suitable example.
 - (b) Write a program to take a number and print factorial of that number.
- 9. (a) What is structure ? Discuss the advantages of structure.
 - (b) Write a program to take student name, roll no. and marks display using structure.
- 10. Write short notes on)any four of the following :
 - Forint fRPULearn.com
 - (b) f scan f ()

(a)

- (c) Recursion function
- (d) Call by reference function
- (e) size of ()
- (f) Union

4008-03/1400

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