

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.

1. (a) Define Network Topology. Discuss the types of Network Topology.

40 (b) What is switching techniques ? Discuss advantages of Packet Switching.

2. (a) What is ISP ? Discuss the role of ISP.

(b) What is E-mail ? Write steps to send a mail to many recipients.

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(1)

[P.T.O.]

3. (a) State and prove the De'Morgan theorem in Boolean Algebra.

5. (b) What is K-Map ? Discuss K-Map for 2-variable using suitable example.

4. (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.

6. (a) What is Operator ? Discuss Binary operator with suitable example.

(b) What is type casting ? Discuss the types of type casting.

7. (a) Write the difference between while and do-while loop.

(b) What is pointer ? Write a program to take two number add them using pointer.

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 :
- (a)  PPU Learn.com
- (b) f scan f ()
- (c) Recursion function
- (d) Call by reference function
- (e) size of ()
- (f) Union

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