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H – 3384

Reg. No. :

Name : JAWAHARLAL NEHRU

Eighth Semester B.Tech. Degree Examination, November 2019

(2008 Scheme)

08.803 : COMPUTER COMMUNICATION (T)

Time : 3 Hours

Max. Marks : 100

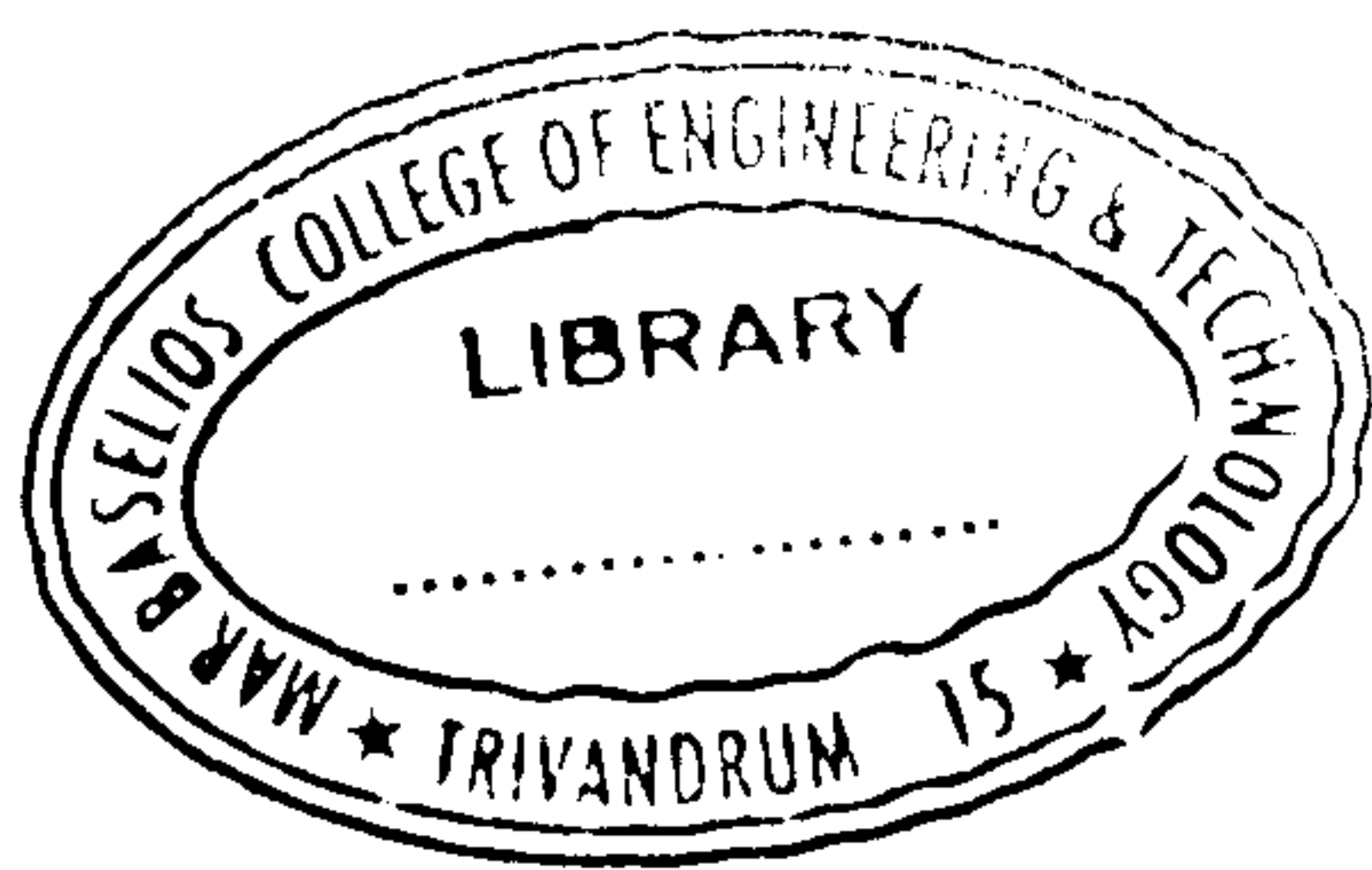
- (i) Answer **all** questions in Part A. Each questions carries **4** marks.
- (ii) Answer **any two** questions from each Module in Part B. Each questions carries **10** marks.

PART – A

1. Explain the need of Network Architecture.
2. What is bit stuffing?
3. Illustrate the concept of Learning Bridge.
4. Prove the statement "Network as a graph".
5. What is ICMP?
6. Draw the Packed format of IPV6.
7. Compare UDP and TCP.
8. Explain the various types of Attacks.
9. Draw the IP sec's ESP format.
10. Describe the functions of a Firewall.

P.T.O.





PART – B

Module – I

11. Describe Sliding Window Protocol.
12. Explain Clock-Based Framing.
13. Briefly describe the concept of VLAN.

Module – II

14. With the help of example explain Distance-Vector Routing.
15. What is CIDR? How Route aggregation is possible with CIDR?
16. Explain the various Congestion-Avoidance mechanisms.

Module – III

17. Explain the various Authentication Protocols.
 18. Briefly describe Transport Layer Security.
 19. Explain Ethernet Passive Optical Networks.
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