

RANI RASHMONI GREEN UNIVERSITY

Post Graduate Department of

Computer Science M.Sc.

Semester-I Supplementary

Examinations 2024 Subject:

Computer Science

Paper: MSCCS103 (Computer Network & Cyber Security)

Time: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

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

Group-A

1. Answer any 5 (five) questions

5X2=10

- i. What is peer to peer process?
- ii. What is Bit Stuffing?
- iii. Why is IP protocol considered as unreliable?
- iv. What is the purpose of ARP?
- v. What is Routing in computer network?
- vi. What do you mean by Cyber Security?
- vii. What do you mean by Ethical hacking?

Group B

[Answer any 5(five) questions]

5x6=30

2. State the differences between Distance Vector Routing and Link State Routing. 6
3. Discuss about the concept of Leaky Bucket Algorithm with a neat diagram. 6
4. Explain briefly the CSMA/CD protocol. 6
5. State differences between Broadcast and Multicast Routing technique. State differences between VLAN and WLAN. 3+3
6. Describe briefly about internal and external cyber threats in an organization. 6
7. Discuss briefly about different types of Malware. 6
8. Write short notes on: (any one) 6
 - i. DOS attack.
 - ii. Social Engineering.
