

Reg. No

Name

22U125

END SEMESTER EXAMINATION - OCTOBER 2022

SEMESTER 1 : INTEGRATED M.Sc. PROGRAMME COMPUTER SCIENCE AND DATA SCIENCE

COURSE : 21UP1CRMCP02 : INTRODUCTION TO COMPUTERS

(For Regular – 2022 Admission and Improvement / Supplementary - 2021 Admission)

Time : Three Hours

Max. Weightage: 30

PART A

Answer any 8

1. Define the term computer network.
2. Define the term transfer rate with respect to magnetic storages.
3. Give examples of cybercrimes that target computer networks.
4. Give two examples of 3GL languages.
5. When a criminal gains access to a user's personal information to steal funds, the category of crime is called-----.
6. Define the term demodulation.
7. Specify the need of giving port number in a URL.
8. The ----- is the body that provides funds for NPTEL courses.
9. Define the term 'track' in a hard disk.
10. State the function of repeaters in data communication.

(1 x 8 = 8 Weight)

PART B

Answer any 6

11. List any four advantages of magnetic disks.
12. State reasons why a computer can be termed as a secure device.
13. Define the terms seek time and latency.
14. Discuss the factors to be considered to use a modem.
15. Define the term netiquette. Explain its significance.
16. Write short notes on Telnet.
17. Differentiate between simplex and half-duplex mode of transmission.
18. Discuss the significance of cyberlaw.

(2 x 6 = 12 Weight)

PART C

Answer any 2

19. Discuss the causes of cyber addiction.
20. Discuss how microwave technology can be used for data communication.
21. State the purpose of Email. Also explain the parts of an email while a mail is being composed.
22. Discuss in detail about SSDs along with their benefits.

(5 x 2 = 10 Weight)