

**19U312S**

(Pages: 2)

Name: .....

Reg. No. ....

**THIRD SEMESTER B.Com./B.B.A. DEGREE EXAMINATION, NOVEMBER 2020**

(CUCBCSS-UG)

**CC15U GN3 A12 (2) - GENERAL INFORMATICS**

(General Course)

(2015 to 2018 Admissions – Supplementary/Improvement)

Time: Three Hours

Maximum: 80 Marks

**PART A**

Answer *all* questions. Each question carries 1 mark.

Choose the correct answer from the options:

1. CAD stands for :
  - a) Computer aided manufacture
  - b) Computer aided development
  - c) Computer aided device
  - d) None of the above
2. Computer to computer exchange of business information is done through :
  - a) CAM
  - b) CAD
  - c) ERP
  - d) EDI
3. This network is an autonomous Inter – University Centre of the University Grants Commission:
  - a) INFLIBNET
  - b) NICENET
  - c) BRNET
  - d) None of these
4. This kind of crime is normally common in the financial institutions or for the purpose of committing financial crimes.
  - a) Data diddling
  - b) Salami attacks
  - c) Virus attacks
  - d) Phishing
5. This is a storage location from which software packages may be retrieved and installed on a computer.
  - a) Software distribution
  - b) Software repository
  - c) Operating system
  - d) Database

Fill in the blanks:

6. GPS satellites circle the earth \_\_\_\_\_ times a day.
7. \_\_\_\_\_ is a plastic card embedded with a computer chip that stores and transacts data between users.
8. \_\_\_\_\_ refers to environmentally sustainable computing of IT.
9. \_\_\_\_\_ is the gap between people who possess regular access to information technology and those who do not have this access.
10. Fedora, a community distribution is sponsored by \_\_\_\_\_

**(10 x 1 = 10 Marks)**

## **PART B**

Answer any *eight* questions. Each question carries 2 marks.

11. What is network topology?
12. What is operating system?
13. What do you mean by e-governance?
14. What is SMS?
15. What is patent?
16. What is plagiarism?
17. What is email bombing?
18. What are cookies?
19. What is Kernel?
20. What is search engine?

**(8 x 2 = 16 Marks)**

## **PART C**

Answer any *six* questions. Each question carries 4 marks.

21. What are the different groups of cyber criminals?
22. What is open source software? Explain its advantages.
23. Distinguish between system software and application software.
24. Write short notes on:                 a) GPS                                 b) DNA computing
25. Explain the most commonly used internet protocols.
26. State the signs and symbols of cyber addiction.
27. What is EDI? What are its merits and demerits?
28. Briefly explain the components of a network system.

**(6 x 4 = 24 Marks)**

## **PART D**

Answer any *two* questions. Each question carries 15 marks.

29. Define computer network. Explain the different types of network and network topologies.
30. Define cyber crime. What are the different modes of committing cyber crime?
31. What is IPR? What are its basic components? Give a brief account of the Patent Act in India.

**(2 x 15 = 30 Marks)**

\*\*\*\*\*