

D 31527

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Name.....

Reg. No.....

**THIRD SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022**

B.Com/B.B.A.

BCM 3A 12/BBA 3A 12—GENERAL INFORMATICS

(2017—2018 Admissions)

Time : Three Hours

Maximum : 80 Marks

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

I. Choose the correct answer :

- 1 Linux is a _____ Operating System.
 - a) Open-source.
 - b) Windows.
 - c) Microsoft.
 - d) Mac.
- 2 A legal monopoly granted for a limited time to the owner of an invention :
 - a) Patent.
 - b) Copyright.
 - c) Trade Mark.
 - d) None of the above.
- 3 Which type of *e*-governance is created between the government and business ?
 - a) G2G.
 - b) G2C.
 - c) G2B.
 - d) None of these.
- 4 CAI stands for :
 - a) Computer Aided Institution.
 - b) Computer Aided Instruction
 - c) Computer Assisted Institution.
 - d) None of these.

Turn over

- 5 This refers to the use of small and portable computing devices in wireless enabled networks that provide wireless connections to a central main server :
- a) Cloud computing.
 - b) Mobile computing.
 - c) Green computing.
 - d) None of these.

II. Fill in the blanks :

- 6 _____ refers to a code of safe and responsible behavior for the Internet Community.
- 7 _____ is a set of computer programs used on a computer to help perform tasks.
- 8 This is a satellite-based navigation system made up of a network of 24 satellite placed into orbit by the US Department of Defence.
- 9 _____ is a plastic card embedded with a computer chip that stores and transfers information.
- 10 VPN stands for _____.

(10 × 1 = 10 marks)

Part B

*Answer any **eight** questions from the following.
Each question carries 2 marks.*

- 11 What is knowledge management ?
- 12 What is information overload ?
- 13 What is an operating system ?
- 14 What is digital divide ?
- 15 What is a bus network ?
- 16 What is cloud computing ?
- 17 What is MAN ?
- 18 What is EDI ?
- 19 What is a B2B transaction ?
- 20 What do you mean by proprietary software ?

(8 × 2 = 16 marks)

Part C

Answer any **six** questions from the following.
Each question carries 4 marks.

- 21 Explain the objectives of INFLIBNET.
- 22 What do you mean by network topology ? Explain the major types of network topology.
- 23 Discuss different types of software.
- 24 What is NICENET ?
- 25 Explain the uses of internet.
- 26 Discuss the consequences of cyber addiction.
- 27 Explain the significance of opensource software.
- 28 Write a note on cyber ethics.

(6 × 4 = 24 marks)

Part D

Answer any **two** questions from the following.
Each question carries 15 marks.

- 29 What is GPS ? Explain the uses of GPS.
- 30 Discuss the emerging trends in IT.
- 31 Define E-governance and discuss the major initiatives in e-governance.

(2 × 15 = 30 marks)