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THIRD SEMESTER (CUCBCSS—UG) DEGREE EXAMINATION NOVEMBER 2020

Common Course

A12—GENERAL INFORMATICS

(2014 Admissions)

Time : Three Hours   Maximum : 80 Marks

Part I

Answer all questions.
Each question carries 1 mark.

I. Choose the correct answer :

1 URL stands for :

   a) Uniform Resource Link.   b) Uniform Resource Locator.

   c) Uniform Reference Link.   d) Unique Reference Locator.

2 Speech recognition software is an example of :

   a) Application software.   b) Operating system.

   c) Antivirus software.   d) None of these.

3 Example of academic network is :

   a) NICNET.   b) BRNET.

   c) INFLIBNET.   d) All the above.

4 ECS means :

   a) Electronic Customer Service. b) Electronic File Protection.

   c) Electronic Fund Transfer.   d) None of these.

5 Cyber Extortion is a form of :

   a) Cyber defamation.   b) Cyber terrorism.

   c) Cyber stalking.   d) Cyber space.

Turn over

Fill in the blanks :

6   Using of Bio computer to perform calculations is known as ——————.

7   HTML stands for ——————.

8   Malware includes viruses and ——————.

9   1 MByte equals to —————— Kbyte.

10   —————— is an example of presentation software.

(10 × 1 = 10 marks)

Part II

Answer any **eight** *questions in two* **or** *three sentences.*
Each question carries 2 marks.

11   What do you mean by Artificial Intelligence ?

12   Define Informatics.

13   What is cloud computing ?

14   What do you mean by FTP ?

15   What is digital divide ?

16   What is open source software ?

17   What do you mean by Firewall ?

18   What is cyber warfare ?

19   What is social networking ?

20   What is Gopher ?

(8 × 2 = 16 marks)

Part III

Answer any **six** *questions in about* 200 *words.*
Each question carries 4 marks.

21   Briefly explain the functions of INFLIBNET ?

22   What is ATM card ? What are the functions ?

23   What is knowledge repository, what are the features ?

24   What is ISP ? What are the different types of ISP ?

25 What are the different elements of Linux ?

26 Explain the components of Green Computing.

27 What is Intellectual Property Crime ? What are the types ?

28 Differentiate between Data and Information.

(6 × 4 = 24 marks)

Part IV (Essay Questions)

*Answer any **two** questions in about 800 words.*
Each question carries 15 marks.

29 What is network Topology ? What are the different types of network topologies ?

30 Discuss the role of I.T. in Business and Industry.

31 What is cyber crime ? Explain the different types of cyber crimes.

(2 × 15 = 30 marks)