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Name...

Reg. No...

THIRD SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

A 12—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 ECS means :

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

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

2 Which one is not a Linux distribution ?

    (a) UBANTU.   (b) Debain.

    (c) Mandriva.   (d) Spash.

3 URL stands for

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

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

4 SPSS is

    (a) Analysis software.   (b) Malware.

    (c) Operating system.   (d) Anti virus software.

5 Which one is a cyber crime ?

    (a) Cyber contraband.   (b) Cyber Bullying.

    (c) Cyber stalking.   (d) All of these.

Fill in the blanks :

6 HTML stands for —————.

7 ————— is the stealing of legally protected software.

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8 1 MByte equals to ————— Kbyte.

9 Google is a —————.

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 Define Informatics.

12 What is Network Architecture ?

13 What is Phishing ?

14 What do you mean by Artificial Intelligence ?

15 What is digital divide ?

16 What is Linux ?

17 What do you mean by software piracy ?

18 What is cloud computing ?

19 What is wireless technology ?

20 Define Information Overload.

(8 × 2 = 16 marks)

Part III

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

21 What is Hacking ? What are the types of hackers ?

22 What do you mean by Digital Signature ? What are the purposes ?

23 Explain the components of Green Computing.

24 What are the different elements of Linux ?

25 What are the steps in knowledge management process ?

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

27 What is ATM card ? What are the functions ?

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 IT in defence and law.3.16.

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

(2 × 15 = 30 marks)