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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.

Turn over

- 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)