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

(CUCBCSS—UG)

B.Com./B.B.A.

BCM 3A 12—GENERAL INFORMATICS

(2017 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part I

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

I. Choose the correct answer :

1 An Ethernet port is used for connecting a computer to :

   (a) A network.

   (b) A printer.

   (c) A monitor.

   (d) A digital camera.

2 Unix is an :

   (a) Communication system.

   (b) Application software.

   (c) Database program.

   (d) Operating system.

3 Which of the following is not harmful for your computer :

   (a) Malware.

   (b) Cookies.

   (c) Virus.

   (d) Spyware.

4 Which topology connects all devices (nodes) to each other for redundancy and fault tolerance ?

   (a) Bus topology.

   (b) Ring topology.

   (c) Mesh topology

   (d) Star topology.

5 Expand the term HTML :

   (a) Hindustan Tools and Machine ltd.

   (b) Highly Technical Machine Language.

   (c) Hyper Text Markup Language.

   (d) Heavy Tools and Machine Leasing.

Turn over

II. Fill up the blanks :

6 ———————— is live online communication between two users via computer.

7 ———————— Programs are those programs which enable a user to create a slideshow and present his topics in the form of slides.

8 ———————— is the electronic transmission and receiving of messages, information, data files, letters or documents by means of point-to-point systems or computer-based messages system.

9 ———————— is a flat film having large number of images arranged in rows and columns.

10 In———————— case, an interface is created between the government and citizens who enables the citizens to benefit from efficient delivery of a large range of public services.

(10 × 1 = 10 marks)

Part II

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

11 What is Interoperability ?

12 What do you mean by mobile computing ?

13 What do you mean by Cloud computing ?

14 What is data ?

15 Write a note on Knowledge management.

16 What is INFLIBNET ?

17 What is the significance of DIGITAL DIVIDE ?

18 What is Email spam ?

19 What is Information overload ?

20 Write not on Febora.

(8 × 2 = 16 marks)

Part III (Short Essays)

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

21 What do you mean by SOFTWARE REPOSITORIES ? Explain.

22 State the procedure Inserting Graphics.

23 Mention the main features of GNOME.

24 List the Disadvantages of Linux.

25 What do you mean by Language localization process ?

26 What do you mean by information overload ? List the demerits of this.

27 What are the Risk factors that have been identified with Internet addiction ?

28 Write a note on cyber crimes.

(6 × 4 = 24 marks)

Part IV (Long Essays)

Answer any two questions.
Each question carries 15 marks.

29 What is NICENET ? What are its merits and features ?

30 Explain the term GPS ? Also mention the uses of it.

31 Elaborate the applications of IT in the field of business, commerce and resource management.

(2 × 15 = 30 marks)