THIRD SEMESTER B.A./B.Sc. DEGREE EXAMINATION, NOVEMBER 2020

(CUCBCSS—UG)

Common Course

A 12—GENERAL INFORMATICS

(2017 Admissions)

Time : Three Hours   Maximum : 80 Marks

Part A

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

I. Choose the correct answer :

1 Which of the following is not one of the four major functions of computer ?

     a) Output.   b) Storage.

     c) Processing.   d) Calculation.

2 An Ethernet port is used for connecting your computer to :

     a) A network.   b) A printer.

     c) A monitor.   d) A digital camera.

3 On the keyboard, the key you press to finalize a command or entry is :

     a) Enter.   b) Control.

     c) Escape: d) All of the above.

4 Which of the following period is the second generation of computing ?

     a) 1945-55.   b) 1956-63.

     c) 1964-1971.   d) None of the above.

5 One cannot write new data in this type of memory :

     a) RAM.   b) ROM.

     c) CPU.   d) None of these.

II. Fill in the blanks :

6 Mouse was invented by ———— in 1963.

7 CRT means ————.

8 Linux is a ————— Operating system.

9 The device that tracks movement is —————.

10 ERP means —————.

(10 × 1 = 10 marks)

Part B

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

11 What is LAN ?

12 What is Star and Tree topology ?

13 What is HTML ?

14 What is UNIX ?

15 What is G2B interaction ?

16 Explain RFID.

17 Explain SMART CARD.

18 Explain Copyright.

19 Explain INFLIBNET.

20 What is Phishing ?

(8 × 2 = 16 marks)

Part C

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

21 What are the major features of new generation personal computers ?

22 What is internet ? What are its major uses ?

23 What are the components of information technology ?

24 Explain some of the benefits of e-governance ?

25 Explain Electronic Data Interchange. What are some of its benefits ?

26 What is e-waste and green computing ?

27 What is GNOME ?

28 Compare Spyware and Malware.

(6 × 4 = 24 marks)

Part D

*Answer any **two** questions.*
Each question carries 15 marks.

29. What is Computer Network ? What are the types ? What are its components ?

30. What are the applications of IT in health care ? Explain with some examples.

31. What is LINUX ? What are its advantages ? What are its disadvantages ?

(2 × 15 = 30 marks)