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Name...................................

Reg. No...............................

THIRD SEMESTER B.Sc. (L.R.P.)/B.M.M.C. DEGREE EXAMINATION NOVEMBER 2017

(CUCBCSS—UG)

Common Course

A 12—GENERAL INFORMATICS

Time : Three Hours

Maximum : 80 Marks

Part I

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

1. ———— Unit of CPU directs and co-ordinates all operations of a computer.

   (a) ALU.

   (b) RAM.

   (c) CONTROL UNIT.

   (d) REGISTER.

2. USB means ————.

   (a) Universal Serial Bus.

   (b) University Sector Bus.

   (c) Unique serial bus.

   (d) None of the above.

3. PDA stands for ————.

   (a) Personal Digital Assistant.

   (b) Personal Dairy Assistant.

   (c) Private Digital Assistant.

   (d) None of the above.

4. Linux is a ———— Operating System.

   (a) Open-source.

   (b) Windows.

   (c) Microsoft.

   (d) Mac.

5. In open Office.org 'Calc' is a :

   (a) Word Processor.

   (b) Spreadsheet.

   (c) Database.

   (d) None of these.

6. Who started Free Software foundation ?

7. Memory of a computer is generally expressed in terms of 'K', where 'K' stands for ————.

8. ———— knowledge are also known as formal knowledge.

9. ———— is a plastic card embedded with a computer chip that stores and transacts data between users.

10. ———— is concerned with making computers behave like humans.

(10 × 1 = 10 marks)

Turn over

Part II (Short Answer Questions)

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

11. What is Hyperlinks.

12. What are worms ?

13. Who is a Hacker ?

14. What is INFLIBNET ?

15. What is the use of NICENET ?

16. What is Open Source Software ?

17. What is Knowledge Management ?

18. What is Topology ?

19. What is information ?

20. What is *e*-learning ?

(8 × 2 = 16 marks)

Part III (Short Essays)

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

21. What are the features of Knowledge Management ?

22. Explain multiple access system used in mobile phone technology.

23. What are the benefits of cloud computing ?

24. Explain any *two* Protocols.

25. Explain any *two* network topologies.

26. Explain any *two* social cyber crimes.

27. Explain the measures taken to prevent cyber threats.

28. Explain GPS and its uses.

(6 × 4 = 24 marks)

Part IV (Long Essays)

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

29. Explain various internet access methods.

30. Explain various components of Knowledge Management.

31. Write an Essay on Academic Websites with few examples.

(2 × 15 = 30 marks)