

C 31125

(Pages : 2)

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)