

**16U308**

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Name: .....

Reg. No.....

**THIRD SEMESTER UG DEGREE EXAMINATION, NOVEMBER 2017**

(Regular/Supplementary/Improvement)

(CUCBCSS-UG)

**CC15U GN3 A12 (1)- GENERAL INFORMATICS**

(General Course for BCS/BCA/HM)

(2015 Admission Onwards)

Time: Three Hours

Maximum: 80 Marks

I. Answer *all* the questions

1. Expand GPU
2. The geometric arrangement of a computer system is called-----
3. ----- is the electronic exchange of business documents in universally accepted format between trading partners
4. GPS satellites circle the earth----- times a day
5. ----- record an Internet URL so you can revisit it later without having to remember its address
6. ----- is legal monopoly granted for a limited time to the owner of an invention
7. ----- programs are created to do something only when a certain event (Known as trigger event)occurs
8. -----refers to environmentally sustainable computing or IT
9. -----means that the source code of the software is freely available for other people to see and study
10. Repositories are also known as-----

**(10x1=10 marks)**

II. Answer *any eight* questions.

11. What is WWW?
12. What is Infrared communication?
13. What is ISDN?
14. What is Hacking?
15. What is Kernel?
16. Write any two applications of mobile computing
17. Mention any two merits and demerits of LINUX
18. Define DNA Computing

19. Mention any four peripheral devices of computer
20. Differentiate information and knowledge

**(8x2=16 marks)**

III. Write **any six** questions.

21. Write short note on Printer
22. What is HTTP? Explain
23. Write a short note on Instant Messaging
24. What is e-Governance? Explain the benefits of e-Governance
25. What is Digital Divide? Explain it
26. What do you mean by spam? Write note on it
27. Explain the concept of Plagiarism
28. Explain the advantage of Open source software

**(6x4=24 marks)**

IV. Answer **any two** questions

29. Explain different types of Networks based on Distance and also based on administration
30. Explain different types of Operating system?
31. Discuss the application of IT in the field of Education?

**(2 x15=30 marks)**

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