

**18U311**

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Name: .....

Reg. No.....

**THIRD SEMESTER B.Sc./B.C.A. DEGREE EXAMINATION, NOVEMBER 2019**

(Regular/Supplementary/Improvement)

(CUCBCSS-UG)

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

(General Course)

(2015 Admission onwards)

Time: Three Hours

Maximum: 80 Marks

**Part A**

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

I. Choose the Correct Answer:

1. All are examples of input device except  
a) Scanner                      b) Mouse                      c) Printer                      d) Keyboard
2. Opera is an example of  
a) Search Engine              b) Web Browser              c) Web site                      d) Web index
3. Linux is ----- Operating system.  
a) Open source                  b) Windows                      c) Microsoft                      d) Mac
4. The name of the first digital computer is  
a) ENIAC                          b) IBM 132                      c) Mark I                          d) Apple II
5. Which of the following is not a wireless communication device?  
a) Bluetooth    b) GPS  
c) Infrared Communications                      d) None of these

II. Fill in the blanks:

6. ----- is an online identity theft.
7. G2E governance means -----
8. ----- is a standard for electronic exchange of business documents such as invoices and purchases orders.
9. ----- is an e-governance initiative taken by Kerala state IT Mission.
10. CAD stands for -----

(10 x 1 = 10 Marks)

**Part B**

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

11. What is volatile memory?
12. Explain FTP?

13. What is MMS?
14. Explain about DNA computing?
15. What are Worms and Virus?
16. Who is a white hat hacker?
17. What is Client server network?
18. What is INFLIBNET?
19. Define Adware.
20. What is a blog?

**(8 x 2 = 16 Marks)**

### **Part C**

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

21. State the basic structure of a computer.
22. Explain Operating system. Explain its functions also.
23. State the benefits of EDI.
24. What are the new Threats to IT Industry?
25. Explain the concepts of Digital Divide. What are the factors that contribute to Digital Divide?
26. What are the important features of GNOME Desktop environment?
27. What are the signs and symptoms of Cyber Addiction?
28. Differentiate between free software and open software with examples.

**(6 x 4 = 24 Marks)**

### **Part D**

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

29. What is a Network Topology? Explain different types of Network Topology.
30. What are the components of Linux operating system? Explain the advantages and disadvantages of Linux.
31. Explain about E – Governance. Explain various stages and types of E – Governance.

**(2 x 15 = 30 Marks)**

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