**19U587S**            (Pages: 2)            Name: …………………..

Reg. No: …………………..

**FIFTH SEMESTER B.A. DEGREE EXAMINATION, NOVEMBER 2021**
(CUCBCSS-UG)
**CC15U ENG5 B04 - INFORMATICS**
(English Literature – Core Course)
(2015 to 2018 Admissions – Supplementary/Improvement)

Time: Three Hours                                                   Maximum :80 Marks

I. Answer the *ten* questions given below:

1. Which of the following is not true of the primary storage?

    (a) It is part of the CPU                    (b) It allow fast access to data

    (c) It is relatively more expensive          (d) It is volatile

2. Which of the following is free software?

    (a) Intel          (b) AMD          (c) Microsoft          (d) Linux

3. Which of these is a social network?

    (a) Chrome          (b) Twitter          (c) Internet explorer   (d) Firefox

4. The following is not a mandatory feature of the 'free software'.

    (a) The freedom to run the program for any purpose

    (b) The freedom to redistribute copies

    (c) Should be distributed free of charge

    (d) The freedom to improve the program

5. The first six letters on a modern keyboard reads …………….

    (a) QWERTY          (b) ASDFGH          (c) ZXCVBN          (d) QAZWSX

6. Which of the following is not a characteristic of a LAN?

    (a) Restricted to a limited geographic coverage of a few kilometres

    (b) Transmission rate usually ranges from 1200 bps to 6 Mbps

    (c) Fewer data transmission errors

    (d) Communication links used in LANs are twisted pair, coaxial cable and fiber optics

7. Cryptography is used for …………….

    (a) Privacy                              (b) Safety

    (c)  Copyright purpose                    (d) All of the above.

8. The following is the advantage(s) of digital libraries

    (a) No physical boundary                 (b) 24x7 access

    (c) Better information retrieval          (d) All of the above

9. A program that can copy itself and infect a computer is called ……………

   (a) Malware      (b) Spyware      (c) Virus      (d) Adware

10. The process of converting digital signal to analog form is known as -

   (a) Modulation      (b) Coding      (c) Decoding      (d) Demodulation

**(10 × 1 = 10 Marks)**

II. Answer any *ten* questions in two or three sentences.

   11. What is UNICODE?

   12. Explain the significance of RAM.

   13. Name some of the functions of the OS.

   14. State the significance of cryptography.

   15. What are the two major categories of software?

   16. What is antivirus?

   17. What are Registers?

   18. How does a search engine work?

   19. What is booting?

   20. What is Phishing?

   21. Differentiate between malware programs 'worm' and 'virus'.

   22. What is meant by a peer- reviewed journal?

**(10 × 2 = 20 Marks)**

III. Answer *four* questions in a paragraph of 80 words each.

   23. What are the advantages of second generation computers?

   24. What are the uses of Servers?

   25. What are the functions of ALU?

   26. What are the benefits of localization?

   27. Mention a few advantages of online bookstores.

   28. Compare and contrast LAN and WAN.

**(4 × 5 = 20 Marks)**

IV. Answer any *two* essays out of the four given in about 200 words.

   29. Knowledge resources on the Internet.

   30. What are the major components of a CPU? Explain the functions of each.

   31. What is a modem? Explain the process of data communication using modem.

   32. What do you mean by online education? State the merits and demerits of online education.

**(2 × 15 = 30 Marks)**

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