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**Fourth Semester B.A. Degree Examination, May 2021**

**First Degree Programme under CBCSS**

**Foundation Course II**

**EN 1421/ EN 1442: INFORMATICS**

**(EN 1442–2013 Admission EN 1421- 2015-2018 Admission)**

Time : 3 Hours

Max. Marks : 80

I. Answer **all** questions in a word or sentence:

1. What is Bioinformatics?
2. What are the applications of super computers?
3. What is meant by the term cyber warfare?
4. What is monochrome display?
5. What is meant by function key?
6. What are flash memory cards?
7. Which are the two major categories of software?
8. What is booting?

P.T.O.

9. What is firewall?

10. What is Index?

**(10 × 1 = 10 Marks)**

II. Answer any **eight,** each in a paragraph not exceeding 50 words:

11. What are the different second memories used in computers?

12. What is a laptop computer?

13. Workstations.

14. Netiquettes.

15. Which are the important keys in a keyboard? Explain.

16. Explain the three types of scanning devices.

17. Types of headphones.

18. Free software.

19. What is MP3?

20. What is programming?

21. Write a note on Antivirus.

22. Explain LAN

**(8 × 2 = 16 Marks)**

III. Answer any **six** each in a paragraph not exceeding **100** words:

23. What are Server computers?

24. Mobile computer devices.

25. Describe Origins of Internet.

26. What is Cyber ethics?

27. What are the parameters used to classify computers?

28. What is a pointing device? Describe the various types of pointing devices

29. What is a motherboard and what are its various parts?

30. What is Bluetooth? What are the differences between Bluetooth and WiFi?

31. Application software

**(6 × 4 = 24 Marks)**

IV. Answer any **two,** each in about **300** words:

32. Describe computer generations.

33. Describe the various input hardware

34. What is modem? And what are the different types of modems used in computer networks?

35. Explain Operating System in detail.

**(2 × 15 = 30 Marks)**