

QP CODE

Enrollment Number:

C1074

Name:

B.A DEGREE EXAMINATIONS, AUGUST 2025

Sixth Semester

Common for B.A. English Language and Literature, B.A. Malayalam Language and Literature, B.A. Hindi Language and Literature, B.A. Sanskrit Language and Literature & B.A. Arabic Language and Literature

**B21CA01GE – Computer Systems and Internet Technologies
(2022 Admissions)**

Time: 3 Hours

Max Marks: 70

Section A

Answer any ten of the following questions in a word or sentence each. Each question carries 1 mark.

1. Name the smallest and fastest type of memory.
2. Mention any one open-source operating system.
3. What do you mean by kernel?
4. Name the standard protocol for transferring files between a client and a server.
5. Mention the file system commonly used in Windows.
6. Give full form for BIOS.
7. What is Click jacking?
8. What kind of blocker stops automatic browser pop-up windows?
9. What is bandwidth?
10. Write the protocol is used for secure remote login for Unix-based systems.
11. What is a common type of malware that attaches to legitimate programs?
12. Which generation of computers is used vacuum tubes?
13. What does 4G LTE stand for?
14. What is the purpose of domain name?
15. Write the use of search engines.

(1X10=10)

Section B

Answer any five of the following questions in two or three sentences each. Each question carries 2 marks.

16. Explain the use of SSD?
17. What is Real-Time Operating System (RTOS)?

18. Discuss about ZigBee.
19. Differentiate proprietary and open source operating systems.
20. Explain Phishing and mention the types of phishing attacks.
21. Mention importance and advantages of two-way authentication?
22. Discuss the importance of having strong password policies in organisations.
23. List out the types of network cables.
24. What is cloud computing?
25. Write any three applications of GPS.

(2X5=10)

Section C

Answer any five of the following questions in one page each. Each question carries 4 marks.

26. Explain any four Portable Devices.
27. Describe the major components of Operating System.
28. Explain Malwares? Mention the types of malwares.
29. Explain the role of search engines in business marketing.
30. Explain the citation tools in Google Scholar.
31. Discuss the importance, advantages and disadvantages of Captcha.
32. Compare IP and MAC address.
33. Describe the major types of cyber security threats.
34. What are the various functions of social media?
35. Discuss the classification of computers based on the data they process.

(5X4=20)

Section D

Answer any two of the following questions in three pages each. Each question carries 15 marks.

36. Explain the evolution of computers and mention the major technological advancements in each Stage.
37. Explain importance of network security and discuss the key reasons for Protecting the Networks and Data.
38. Explain different network devices and its uses.
39. Discuss about cloud computing, mention key characteristics and applications of cloud Computing.

(15X2=30)