

**QP CODE**

**H1172**

**Enrollment Number: .....**

**Name: .....**

**B.A DEGREE EXAMINATIONS, MARCH 2026**

**Sixth Semester**

**Common for B.A Arabic/English/Hindi/Malayalam/Sanskrit**

**B21CA01GE – Computer Systems and Internet Technologies**

**(2022 Admissions)**

**(Supplementary)**

**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. Mention the use of SNMP.
2. Define Wireless Personal Area Network (WPAN).
3. Which protocol ensures secure communication between a user and a website?
4. What do you mean by System calls?
5. What is the function of the “Swap” space in Linux?
6. Write the full form of UEFI.
7. Name the file type stored by websites to remember user preferences.
8. Mention the main advantage of open-source operating systems.
9. What is Phishing?
10. What is the main use of Google Scholar?
11. Name the cloud service model where applications are hosted and provided over the internet.
12. What do we call unsolicited or junk emails?
13. What is the name of the system used to manage digital content on websites?
14. Which type of computer is used for complex scientific calculations?
15. What is cache memory?

**(1X10=10)**

**Section B**

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

16. What is an operating system? Explain the types of OS.
17. Classify computers based on their size and power.

18. What is Virtual Network Computing (VNC)?
19. Mention the different types of memory.
20. What is FreeRTOS?
21. List any two mobile operating systems.
22. What is Remote Access Service?
23. Mention the types of cookies.
24. Write about the use of firewall.
25. What is meant by cloud computing?

**(2X5=10)**

### **Section C**

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

26. Discuss the applications of WiMAX.
27. Differentiate the functionalities of GPS and GPRS.
28. Discuss the key differences between IPv4 and IPv6 addressing schemes.
29. Explain any four common operating systems.
30. Compare Proprietary OS and Open-Source OS.
31. Mention types of Click jacking Attacks.
32. Explain the different Spam prevention methods.
33. Mention any four Tools and Techniques used for Blocking Ads and Pop-ups.
34. What is fact checking in social media?
35. Describe the features of 3G, 4G, and 5G mobile technologies.

**(4X5=20)**

### **Section D**

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

36. Explain different types of computers in detail.
37. Explain CAPTCHA and its types. How does CAPTCHA to the cyber security?
38. Describe the application of Cloud Computing in IoT and Wearable Devices.
39. Explain Bluetooth, ZigBee, and WiFi and its features.

**(15X2=30)**