

QP CODE

M1018

Enrollment Number:

Name:

BCA DEGREE EXAMINATIONS, OCTOBER 2025
First Semester
Bachelor of Computer Applications
B21CA01DC – Introduction to Information Technology
(Supplementary/Improvement)
(2024 January 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 marks.

1. Give the full form of SMPS.
2. What is a hybrid computer?
3. What is Gray Code?
4. What do you mean by a program?
5. What is the concept of a stored program?
6. Expand ASCII.
7. Where the programs are stored, when they are not in the process of running or execution?
8. Which is the next stage after instruction fetch in an instruction cycle?
9. What is a Flag?
10. What is called 'data about data'?
11. Give an example of an open source operating system.
12. What is the full form of DOS?
13. What is a translator?
14. What does WAN stands for?
15. Name the device that is used for producing hardcopy output.

(1X10=10)

Section B

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

16. Define Augmented Reality, list its types.
17. What is a web browser?
18. List the benefits of laser printer.

19. Describe the characteristics of a computer.
20. What is cache memory?
21. Explain the General instruction format of 8086 with example.
22. Differentiate between logical and physical address.
23. Why do we need ports in a computer system?
24. What are the basic functions of operating system?
25. What is the use of repeater in a network?

(2X5=10)

Section C

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

26. Write notes on presentation software
27. Describe the concept of a computer network
28. Explain the structure of a URL with example
29. Explain Wi-Fi and WiMAX.
30. How to divide a window into frames in an HTML document?
31. In HTML, How can we define multiple media resources in different formats?
32. Discuss the advantages of e-commerce and how it facilitates online buying and selling activities?
33. Discuss any two applications of cognitive computing.
34. What is computer-aided diagnostics (CAD) in medical imaging?
35. Explain low-level languages.

(4X5=20)

Section D

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

36. Describe the role of antivirus software.
37. Discuss the benefits of Virtual Reality.
38. Describe different types of operating systems.
39. Briefly explain various number systems with examples.

(15X2=30)