



**2023/FYUG/ODD/SEM/
CSCIDC-101T/072**

**FYUG Odd Semester Exam., 2023
(Held in 2024)**

**COMPUTER SCIENCE
(1st Semester)**

Course No. : CSCIDC-101T

(Computer Fundamentals and Applications)

Full Marks : 70

Pass Marks : 28

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

SECTION—A

**Answer twenty questions, selecting any four from
each Unit : 1×20=20**

UNIT—I

- 1. What do you mean by open-source software?**
- 2. Fill in the blank :
1 TB = _____ GB.**
- 3. Draw the block diagram of a computer system.**



(2)

4. Who is known as the father of modern computer?
5. Write down the function of ALU.

UNIT—II

6. What is the base of hexadecimal number system?
7. Name two popular operating systems.
8. Define algorithm.
9. What is the use of loader in computer?
10. Write the significant difference between compiler and interpreter.

UNIT—III

11. Write the full form of SSD.
12. The boot sector files of the system are stored in which computer memory?
13. Fill in the blank :
_____ is the smallest unit of memory.
14. Does RAM make computer faster?
15. What is the use of register in memory?



(3)

UNIT—IV

16. What is spreadsheet?
17. From which menu in the MS-Word, we can insert Header and Footer?
18. Define cell in Excel.
19. Fill in the blank :
In MS-PowerPoint, the _____ shortcut key inserts a new blank slide after the selected slide.
20. How to save an MS-Word document?

UNIT—V

21. What is e-wallet?
22. Write the benefits of using e-mail.
23. Define URL.
24. What are CC and BCC in e-mail?
25. What is the use of UMANG app?



(4)

SECTION--B

Answer *five* questions, selecting *one* from each

Unit :

2×5=10

UNIT—I

26. Differentiate between hardware and software.

27. Write down the characteristics of computer.

UNIT—II

28. Define compiler. Write down the functions of compiler.

29. Convert $(68)_{10} = (?)_2 = (?)_8$.

UNIT—III

30. Write the differences between RAM and ROM.

31. What is memory hierarchy in computer? Mention two factors on which memory hierarchy was designed.

(Continued)



(5)

UNIT—IV

32. Give the syntax and purpose of SUM () function.
33. Write the shortcut keys for copy, paste, undo and select all commands.

UNIT—V

34. What is PoS machine? What is the purpose of introducing PoS machine?
35. Who are called bloggers? What exactly does a blogger do?

SECTION—C

Answer *five* questions, selecting *one* from each Unit : 8×5=40

UNIT—I

36. Discuss the various types of computers on the basis of size and data handling capabilities.
37. What do you mean by the generation of computers? Explain the components of different generations of computers.



(6)

UNIT—II

38. Define OS. Explain the functions of OS.
39. What do you mean by computer language?
Discuss the following computer languages :
- (a) High-level language
 - (b) Assembly language
 - (c) Low-level language

UNIT—III

40. Explain (a) cache memory and (b) optical disk.
41. What is computer memory? Discuss different types of computer memory with example.

UNIT—IV

42. Write a brief note on MS-Excel.
43. Explain the various text formatting commands available in MS-Word.



(7)

UNIT—V

44. Write short notes on the following :

(a) WWW

(b) Internet banking

45. What is ITeS? Discuss the various ITeS's provided by the Government of India.

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