

**2023/FYUG/ODD/SEM/
CAIDC-101T/155**

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

**COMPUTER APPLICATION
(1st Semester)**

Course No. : CAIDC-101T

(Fundamentals of Information Technology)

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 as directed : 1×20=20**

UNIT—I

- 1. Define a digital computer.**
- 2. Who is called the father of computer?**

(2)

3. The ____ and ____ are the main memory.
(Fill in the blanks)
4. Define computer hardware and software.
5. What do you mean by mobile apps/applications?

UNIT—II

6. What is gray code?
7. What are the full forms of BCD code and ASCII code?
8. Convert $(48)_{10}$ to binary.
9. What is operating system?
10. Define computer programming language.

UNIT—III

11. What is word processing?
12. The shortcut key to select the entire document is ____.
(Fill in the blank)

(3)

13. What is the maximum number of worksheet in a workbook?
14. Who created the Microsoft PowerPoint?
15. What is the standard typing speed (WPM) in MS-Word.

UNIT—IV

16. Define computer network.
17. Which protocol is used for Internet?
18. What are the modes of connecting through the Internet?
19. Name two commonly used IP addresses.
20. What is the main use of WWW?

UNIT—V

21. What is the purpose of e-mail?
22. Who developed Instagram?
23. What are the full forms of OTP and QR?
24. What are Internet Banking and advantages?
25. Define e-governance.

(4)

SECTION—B

Answer *five* questions, selecting *one* from each
Unit : 2×5=10

UNIT—I

26. Discuss the main characteristics of computer.
27. State the difference between system software and application software.

UNIT—II

28. Convert $(1011.01011)_2$ to decimal.
29. State the similarity and difference between compiler and interpreter.

UNIT—III

30. What is PowerPoint? Write the steps to start PowerPoint.
31. What is the main purpose of using MS-Excel? Which formula gives the answer 72?

$$= (5 * 2) + (3 + 5) * 4 \text{ or}$$

$$= ((5 * 2) + (3 + 5)) * 4$$

(5)

UNIT—IV

32. What are the applications of Internet? Write a short note on URL.
33. Define ISP. What is the role of ISP networking?

UNIT—V

34. Define social media. Why is social media important in e-commerce?
35. Write the difference between credit card and debit card. State the procedure of online bill payment.

SECTION—C

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

UNIT—I

36. Describe the evolution of computer based on the (a) hardware, (b) software, (c) computing characteristics, (d) physical appearance and (e) their applications.

(6)

37. Write short notes with examples of the following :

- (a) Input and output device
- (b) Computer memory and storage
- (c) Utility software
- (d) Open source and proprietary software

UNIT—II

38. Write an algorithm and flowchart that finds the greatest among three numbers.

39. What are the basic functions of operating system? Explain in brief the various types of operating system.

UNIT—III

40. Explain in brief the features of MS-Word. State the difference between save and save as. Write down the steps of the following in MS-Word :

- (a) Paragraph formatting
- (b) Table creation

(7)

41. What is Autofill in MS-Excel? Give example. Write down the steps to build a spreadsheet in MS-Excel showing marks of five students in different subjects. Write down the formula to find the total marks of secured by each student and also find the percentage of marks secured by each student.

UNIT—IV

42. Explain with advantages and disadvantages of different types of computer network.

43. Write short notes on the following :

- (a) Network topology
- (b) Search engines on Internet
- (c) Exploring the Internet
- (d) Web page

UNIT—V

44. What are the similarities and differences between Facebook, Twitter, LinkedIn and Instagram? Explain.

(8)

- 45. (a)** What is e-mail? What is the basic of e-mail? How do I open my e-mail address? What are the two parts of e-mail?
- (b)** Define Blogs. What is a digital locker? What are the disadvantages of digilocker?

★ ★ ★