

**2024/FYUG/ODD/SEM/
CSCIDC-101T/138**

FYUG Odd Semester Exam., 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*

UNIT—I

1. Answer any *four* from the following : $1 \times 4 = 4$

(a) Define proprietary software.

(b) First Generation Computers are _____
based.

(Fill up the blank)

(c) What is ROMBIOS?

(d) "Touch Screen is a device used for both
input and output of information." True
or False?

(e) What do you mean by mobile apps?
Give example.

(2)

2. Answer any one from the following : 2
- (a) Write down the drawbacks of mainframe computer.
- (b) Write down the functions of computer.
3. Answer any one from the following : 8
- (a) Explain different types of computer with advantages and disadvantages. 8
- (b) Write short notes on the following : 3+3+2=8
- (i) Control unit
- (ii) ALU
- (iii) Firmware

UNIT—II

4. Answer any four from the following : 1×4=4
- (a) What is ASCII Code?
- (b) What is kernel?
- (c) Convert $(1A2)_{16} = (?)_{10}$.
- (d) What do you mean by machine level language?
- (e) Write down one disadvantage of flowchart.

(3)

5. Answer any one from the following : 2
- (a) Convert $(11011011101)_2 = (?)_{10}$.
- (b) Write down the difference between algorithm and flowchart.
6. Answer any one from the following : 8
- (a) Convert the following : 2×4=8
- (i) $(3AD52)_{16} = (?)_2$
- (ii) $(3526)_8 = (?)_{16}$
- (iii) $(100111011101110)_2 = (?)_8$
- (iv) $(.362)_8 = (?)_{10}$
- (b) Explain different language processors used in computer system. 8

UNIT—III

7. Answer any four from the following : 1×4=4
- (a) What is flash drive?
- (b) Define FAT.
- (c) What is register?
- (d) Storage capacity of floppy disk drive is _____ MB.
- (e) What is memory cell?
- (Fill up the blank)

(4)

8. Answer any *one* from the following : 2
- (a) Write down the principle of optical drive.
 - (b) Why is cache memory used?
9. Answer any *one* from the following : 8
- (a) Explain the difference between primary memory and secondary memory. 8
 - (b) Explain different auxiliary storage devices used in computer system. 8

UNIT—IV

10. Answer any *four* from the following : $1 \times 4 = 4$
- (a) What do you mean by Word processing package?
 - (b) What is formula bar in MS-Excel?
 - (c) _____ key is used to run the PowerPoint presentation.
(Fill up the blank)
 - (d) Define Worksheet.
 - (e) What is slide layout in PowerPoint?
11. Answer any *one* from the following : 2
- (a) Write down the steps to create table in MS-Word.
 - (b) Briefly define different options available in clipboard.

(5)

12. Answer any *one* from the following : 8
- (a) Explain different features of MS-Word. 8
 - (b) Write short notes on the following : $2 \times 4 = 8$
 - (i) Page Setup option in MS-Excel
 - (ii) Spelling and Grammar option in MS-Word
 - (iii) Slide transition
 - (iv) Animation

UNIT—V

13. Answer any *four* from the following : $1 \times 4 = 4$
- (a) What is web?
 - (b) What is blogging?
 - (c) What do you mean by POS machine?
 - (d) What is POP3?
 - (e) What is domain name?
14. Answer any *one* from the following : 2
- (a) Write down the steps to create an e-mail address.
 - (b) Mention different parts of URL address.

15. Answer any one from the following : 8
- (a) Explain different e-governance services on mobile using 'UMANG APP'. 8
- (b) Explain with example : $4 \times 2 = 8$
- (i) Digital locker
- (ii) E-commerce
