FYUG Odd Semester Exam, 2023
held in February, 2024

B. Voc.

1st Semester

COURSE NO. BVOC-101T

[Fundamentals of Computer Systems]

Full Marks : 35
Pass Marks : 14

Time : 3 hours

The figures in the margin indicate full marks for the questions

Answer all questions,

UNIT-I

1. Answer any one question from the following: 2

   a. What is CPU? Write down the components of CPU.

   b. Distinguish between Input devices and Output devices.

2. Answer any one question from the following: 5

   a. Describe organisation of Digital computer with a neat diagram.

   b. Briefly explain the different types of computer on the basis of size.

UNIT-II

3. Answer any one question from the following: 2

   a. Distinguish between RAM and ROM

Turn over

b. Define computer memory. Distinguish between primary memory and secondary memory.

4. Answer any one question from the following: 5

a. What is primary memory? Briefly explain different types of primary memory of a digital computer.

b. Explain the following:

i. CD

ii. CD-ROM

iii. DVD

iv. Recordable DVD

e. CD-RW

UNIT-III

5. Answer any one question from the following: 2

a. Define system software with example

b. Distinguish between hardware and software

6. Answer any one question from the following: 5

a. Explain different functions of operating system

b. What is software? Explain different types of software with example.

UNIT-IV

7. Answer any one question from the following: 2

a. What do you mean by computer language? Write down the different types of computer language.

b. Distinguish between Linker and Loader.

8. Answer any one question from the following: 5

a. Explain the following:

i. Assembler

ii. Interpreter

iii. compiler

iv. Linker and

v. Loader

b. Explain the factors that affects the computer speed.

UNIT-V

9. Answer any one question from the following: 2

a. Distinguish between Algorithm & Flowchart

b. Mention four services of Internet

10. Answer any one question from the following: 5

a. What is Algorithm? Write down the algorithm for finding the largest of three numbers.

b. Define Networking. Briefly explain different types of Networking.

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