

2021

COMPUTER APPLICATION

Paper: 101

(Fundamental of Computers)

Full Marks: 30

Time: 1 hour 30 Minutes

The figures in the margin indicates full marks for the questions.1. Answer the followings 1x5=5

- a. Which of the following is an operating system?(Choose the correct answer)
 - i. Linux
 - ii. Android
 - iii. Unix
 - iv. All of these
- b. What is DOS?
- c. In MS Word Ctrl+S is used to _____. (Fill in the blank)
- d. Which of the following is an example of page orientation?(Choose the correct answer)
 - i. Landscape
 - ii. subscript
 - iii. Superscript
 - iv. None of these
- e. Microsoft Word is an example of _____ software. (Fill in the blank)

2.

a. Convert the following into decimal number system (any *two*) 2x2=4

- i. $(10101.0101)_2$
- ii. $(5647)_8$
- iii. $(A1E2)_{16}$

b. Convert $(10010010111)_2$ into hexadecimal number system. 13. Why are compilers and interpreters used? Is there any difference between a compiler and interpreter? Explain. 1+4=5**Or**“Control unit is the brain of the computer”. Justify your answer. 54. What is 4th Generation Language (4GL)? Write the characteristics and use of 4GL. “4GL code enhances the productivity of the programmers”. Justify. 15**Or**Explain the evolution of computers. Further state how computers in one generation are better than their predecessors. 15