KUSHINGA PHIKELELA POLYTECH COMPUTER SYSTEM MAINTENANCE THEORY 2 21/04/2023 ATTACH QUESTION PAPER

QUESTION 1

a. State any three functions of BIOS. [3 marks]
b. What is FAT? Enlist different types of FAT. [5 marks]
c. Describe the use of address bus, data bus, and control bus. [6 marks]
d. Give four features of USB [4 marks]

QUESTION 2

- i. Give advantages of ink jet printer over dot matrix printer. (any three) [6 marks]
- ii. List any four virus infection symptoms. What precaution should be taken to prevent virus infection?
 iii. Write any four features of PCI bus
 iii. Garnera DDB2 and DDB2 (Any four points)
- iv. Compare DDR2 and DDR3 (Any four points)
 v. Compare the characteristics of CRT and LCD monitors (Any four)
 [4 marks]
- vi. List any four advantages of optical mouse. [4 marks]

QUESTION 3

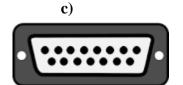
- a) Give the test sequence of POST. [6 marks]
- b) Outline the role do device controllers and device drivers play in a computer system? [4 marks]
- c) Describe the differences between physical, virtual, and logical memory [6 marks]

QUESTION 4

Identify and explain the ports below [8 marks]

a)





b)



