

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? [8 marks]
- iii. Write any four features of PCI bus [4 marks]
- iv. Compare DDR2 and DDR3 (Any four points) [4 marks]
- 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)



c)



d)

