## KCSE TRIAL 2019

## **COMPUTER STUDIES PAPER 1 QUESTIONS**

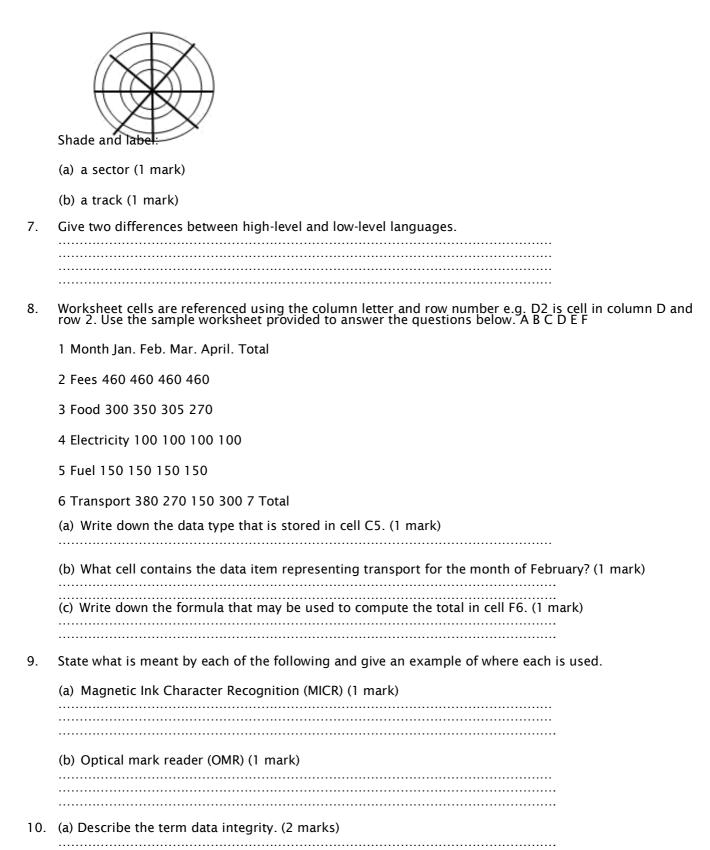
SECTION A (40 Marks)

1. Describe the purpose of each of the following computer functional units: (a) control 2. State two functions of a UPS? ..... Threats to the safety of computer systems take many forms such as: White-collar crime, natural disasters, vandalism and carelessness. 3. Give one way as to how each of these forms of threats can be controlled. Explain the following terms as used in word-processing: (a) Indenting (b) Alignment (c) Word wrap Okwiri has a hardware shop and lately, she is finding the task of managing daily sales in the shop overwhelming. (a) State an information system that she should acquire. (1 mark) ..... (b) State two input devices that are used in retail systems. (1 mark)

6. The diagram below shows a formatted plate surface of a storage disk.

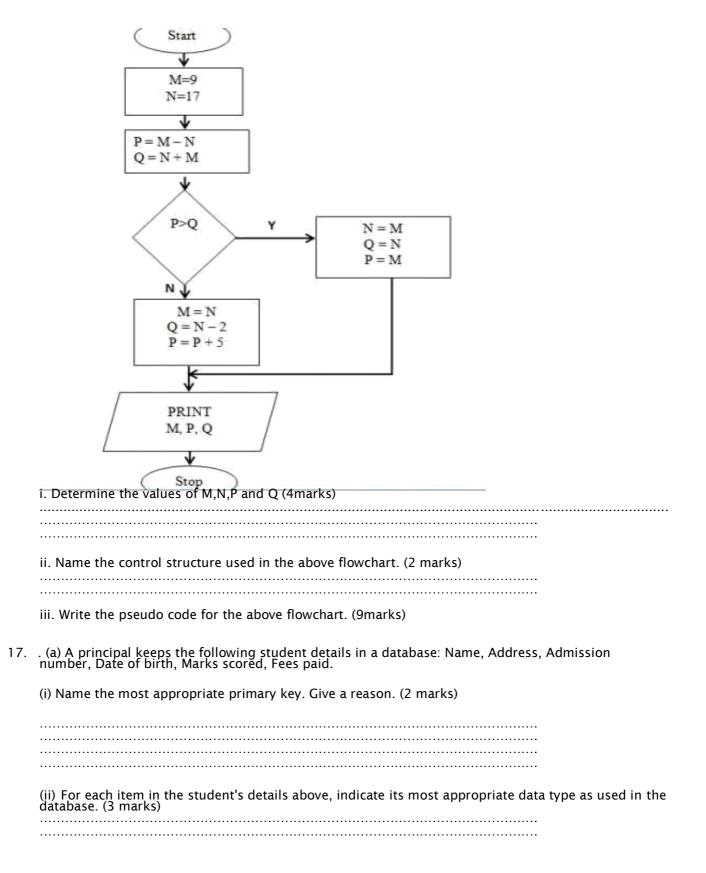
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(c) Apart from enhancing the speed of operation, state two other benefits that Okwiri will gain from using such a system. (2 marks)



(b) State four situations in which data may lose integrity. (2 marks)
State two advantages of using robots in manufacturing of goods.
(a) Name the two files commonly used in mail merge. (1 mark)
(b) Name and explain the two types of drop caps. (2 marks)
State three ways in which ICT can be used in shipping control.
. A firm operates an order system that coordinates orders, raw materials and inventory across its three factories.
Currently the orders are processed manually at each factory and communicated to the others over the phone.
The management intends to computerize their operations.
State the first two computer professionals who will be required and their roles.
A water company sends out clerks to read water meters. The data collected by the clerks is then fed into the computer and
then all the bills are processed at a particular time.
(a) State the name of this data processing mode and state one advantages of this approach.

SECTION B (60 Marks)
16. (a) Use the flowchart below to answer the questions that follow



ł	p. List four features that are found in a standard DBMS application (2 marks)			
	d) Differentiate between: i) Mouse pointer and insertion point. (2 marks)			
. (	ii) Modules and Macros (2 marks)			
. (	iii) Relation and Relationship (2 marks)			
3	. (a)The following are some of the phases in the systems development life cycle (SDLC): system analysis, system design, system implementation, system review and maintenance. State four activities tha carried			
(	out during the system implementation phase. (4 marks)			
(	b) Give three reasons why system maintenance phase is necessary in SDLC. (3 marks)			
(	c) State two instances where observation is not a viable method of gathering information durin system analysis stage. (2 marks)			
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developing the	why an organization may use other strategies of softworks (2 marks)	
a) List three advanta communication. (6 n	ges and three disadvantages of wired communication ov larks)	er wireless
Advantages		
Disadvantages		
(b) Describe the follomarks)	owing signals and state where each is applied in networ	k communicatio
(b) Describe the folk marks)  (i) Analog;	owing signals and state where each is applied in networ	k communicatio
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marks) (i) Analog;		k communicatio
(i) Analog; (ii) Digital.		k communicatio
(i) Analog; (ii) Digital. (c) Name the two types		k communicatio
(i) Analog; (ii) Digital. (c) Name the two types	pes of coaxial cables. (2 marks)	k communicatio