

NAME..... STREAM.....

KEIHANGARA SEED SECONDARY SCHOOL
MID TERM 1 2024 EXAMINATIONS
ICT S.3

TIME 2 hours: 15 Minutes

Instructions

- All numbers are compulsory

1. Mr. Katumba Wamala is the class teacher of **KIKAGATE SSS**. The class has a total number of 400 who are distributed in six streams. Mr. Katumba has been struggling to organize and analyse his student's marks. He has been advised to seek guidance from I.T specialist and as An ICT students and you're an expert in the field. The **figure1.0** below shows students' results

SEITH	MATH 60. ENG 34, GEO 55, HIST 98, ICT 70, CHEM 50
KEN	MATH 66. ENG 64, GEO 85, HIST 98, ICT 90, CHEM 30
RAHMA	MATH 66. ENG 39, GEO 45, HIST 98, ICT 77, CHEM 69
KELLY	MATH 60. ENG 34, GEO 78, HIST 98, ICT 70, CHEM 50
KIM	MATH 69. ENG 44, GEO 55, HIST 88, ICT 40, CHEM 98
RAUTHA	MATH 60. ENG 60, GEO 95, HIST 97, ICT 70, CHEM 59

Figure 1.0

- (a) Advise Mr. Katumba about the appropriate program he can use to analyse his student's data

(02 scores)

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- (b) Name any four areas where that program above can be applied.

(04 scores)

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- (c) Write down he logical functions Mr. Katumba can use to calculate total, average, lowest mark
highest mark

(04 scores)

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- (d) Name any two errors and their meanings as used in program above.

(04 scores)

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- (e) Explain the advantages of using the above program to manipulate data (06 scores)

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Section B

2. In most school Uganda we normally use desktop computer and all devices are all connected to a system unit. Last term the ICT student organized sensitization and literacy conference to teach the community the use of ICT devices, computer, how different parts of the computer are computer are connected to have a complete working computer. One of the speakers mentioned the parts of the computer and said that computer parts are either eternal or external. You have been approached by community member to help him get more understanding about the concept of desktop computer.

Tasks

- a) As an ICT student what do you understand by the term system desktop computer? (1 scores)
- b) Inside that device above we have many sensitive parts which help a computer to run or to perform operations, can you give at least five devices found in it. (5scores)
- c) Explain three devices from the devices list in 2(b). (03 scores)
- d) The general name given to the devices outside the system unit are called the peripheral devices, go on and come with the defining the term peripheral device. (1 scores)
- e) List six devices you know which can be connected to the system unit. (6 scores)
- f) Explain four function of each device from the listed in (e) above. (4 scores)
3. In the process of using a computer everything we do or typed is measured by a character you feed in, and we have our standard units according to the size of capacity of the work done.

Task

- a) Your teacher wants to back up his work, advise him on of some storage devices he can use to back up his/her work. (4 scores)
- b) Guide the teacher on how he can back up his work on one of the external storage device mention above (06 scores)
- c) If the teacher wants to back up data of 12GB, how many CDs of 700MBs needed to back up the work? (8 scores)
- d) Give the difference between writing and reading in memory (2 scores)

END