

Name..... Index No.....

Candidates Signature

Date.....

451/2
COMPUTER STUDIES
PAPER 2
(PRACTICAL)
MARCH/APRIL, 2020
TIME: 2 ½ HOURS

ARISE AND SHINE TRIAL 1 EXAM

MARCH/APRIL-2020

451/2
COMPUTER STUDIES
PAPER 2
(PRACTICAL)
JUNE 2019
TIME: 2 ½ HOURS

Instructions to candidates

- Type your name and Index No at the top right hand corner of each printout.
- **Write your name and Index No on the CD-R /CD-RW**
- Write the name and version of the software used for each question attempted in the answer sheet.
- Passwords **should not** be used while saving in the CD.
- Answer **all** questions
- All questions carry equal marks
- All answers must be saved in your CD.
- Make printouts of the answers on the answer sheets provided
- Hand in all the **printout** and the **CD**
- Candidates may be penalized for not following instruction given in this paper
- Arrange your printout and staple them together.

***Candidates should check the question paper to ascertain that
all pages are printed and no questions are missing***

1.

(a). Type the following letter as it appears in a word processor. Use the mail merge feature to produce copies of the same letter to the persons whose details are given below. (12 marks)

MWANGAZA HIGH SCHOOL

P.O. BOX 4800

KERICHO

8TH FEBRUARY 2020

<NAME>,<ADMNO>,

<ADDRESS>

<TOWN>

Dear <NAME>

REF: 2019 KCSE RESULTS.

I am happy to inform you that the NOV-DEC Examinations are out. Kindly arrange to visit our school on <Date to visit> at 9.00 a.m in order to know the details. Remember to carry your original KCPE certificate and examination registration card bearing the index number.

Yours' s truly,

Head teacher

Data source (List of Candidates)

| Name | Adm.No | Address | Town | Date to visit |
|-------------|--------|--------------|---------|---------------|
| Mark Otieno | 8074 | P.O. BOX 24 | Sondu | 02/03/2020 |
| Kevin Kirui | 8189 | P.O. BOX 172 | Kericho | 08/03/2020 |
| Bernard Soi | 8065 | P.O. BOX 84 | Bomet | 24/03/2020 |

Required:

- i) **Save** Main document as Main Doc (1 mark)
- ii) **Save** Data source as Data source (1 mark)
- iii) **Change** the addresses and reference font size to 14pts (1 ½ marks)

2. Perfect Pizza Factory manufactures pasta for distribution to restaurants in Nairobi. Assuming that you are now working for the factory and have been given the following sales data:

| | A | B | C | D | E | F | G | H | I |
|----|-------------|--------|--------|-----------|---------|----------|----------|---------------------|---------|
| 1 | Restaurants | July | August | September | October | November | December | Total product sales | Average |
| 2 | | 34567 | 45671 | 89650 | 67222 | 56113 | 96282 | | |
| 3 | Nankos | 100000 | 97600 | 82199 | 105999 | 140664 | 190654 | | |
| 4 | Burgees | 96543 | 97600 | 82199 | 105999 | 140663 | 190654 | | |
| 5 | Kenge | 65000 | 97600 | 82199 | 105669 | 140663 | 190654 | | |
| 6 | Tika | 103456 | 97645 | 82297 | 105669 | 140220 | 175000 | | |
| 7 | Appetos | 76899 | 85400 | 96709 | 101324 | 140882 | 181230 | | |
| 8 | Marries | 98000 | 97600 | 82199 | 105999 | 140663 | 190654 | | |
| 9 | Generals | 25000 | 19654 | 15222 | 8000 | 5602 | 200 | | |
| 10 | My Café | 86777 | 75432 | 84366 | 105999 | 55678 | 201345 | | |

| | | | | | | | | | |
|----|---------------------|--|--|--|--|--|--|--|--|
| 11 | Shooters | | | | | | | | |
| 12 | | | | | | | | | |
| 13 | | | | | | | | | |
| 14 | Total Monthly sales | | | | | | | | |

(iv). **Underline** the reference (1/2 mark)

(v). **Merge** the letter onto main document so as to produce copies for all the three candidates and save it as ‘Results 2019’. (6 marks)

(vi). **Print** the letters (3 marks)

(b). **Type** the following text in a word processing software. (22 marks)

INTRODUCTION TO COMPUTERS & OPERATING SYSTEMS

A computer is a machine or an electronic device that can solve problems by accepting data, performing certain operations on that data (processing) and presenting the results of those operations (Information) Basic characteristics that distinguish a computer from other information processing devices:-

- (i) A computer is electronic- That is, all its processing operations are carried out with electrical signals
- (ii) A computer can store information for future reference. This is done on a temporary basis with memory circuits and permanently with storage devices such as magnetic disks and tape.
- (iii) A computer is programmable – unlike other devices built to perform a single function, a computer can be instructed or programmed to perform a variety of tasks.

HOW A COMPUTER OPERATES

Converting the data (raw facts) into information (Organized, usable form) is called data processing.

Data get into the system by means of an input device.e.g keyboard then the computer performs the necessary calculations or manipulations on the data and finally the organized information is displayed by an output device e.g. a monitor.

FUNCTIONS PERFORMED BY A COMPUTER

Although computers have many applications, they can perform only three basic tasks.

- (i). Arithmetic functions on numeric data (adding, subtracting, multiplying and dividing)
- (ii). Test relationships between data items (by comparing values)
- (iii). Store and retrieve data

These skills are really no more than people can do, but the computer can accomplish the task more;

- Faster
- Accurately
- Reliably

Required:

- (a). **Align** the title to the centre and underline it. (1 marks)
- (b). **Add** border to the title (2 marks)
- (c). **Replace** all the Roman numbers with bullets. (2 marks)
- (d).
 - (i) Insert the footer “End of Term One Examination 2020”. (2 marks)
 - (ii) Insert the header “Your name and index No” (2 marks)