

NAME..... INDEX NO.....

SCHOOL.....ANDIDATES SIGNATURE.....

DATE.....

451/2
COMPUTER STUDIES
PAPER 2
(PRACTICAL)
JUNE 2016
TIME: 2½ HOURS

KASSU JOINT EXAMINATION - 2016

Kenya Certificate of Secondary Education

COMPUTER
PAPER 2
(PRACTICAL)
TIME: 2½ HOURS

Instructions to candidates:

- This paper has **two** questions.
- Answer **all** the questions.
- Type your name and index number at the right-hand corner of each printout.
- Write your name and index number on the CD.
- Write the Name and version of software used in each question on the answer sheet.
- Passwords should not be used on CD.
- All answers must be saved on the CD or diskette.
- Hand in all the **printouts** the **diskette**.

This paper consists of 6 printed pages.

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

1. The prices of some commodities in **KASSU Super Market** are as shown in the **table 1** below:

Commodity	Price per unit (Kshs)
1 kg sugar	76.85
1 kg Kimbo	222.50
1 kg Menengai bar soap	146.00
1 kg Litre	113.10
Kiwi big (200ml)	230.00

Table 1

At the beginning of the last month five traders namely Kim, Ham, Wam, Oti, and Ami bought the above commodities to sell in their retail shop respectively. The quantities bought by each trader as shown in **table 2** below. Use a form to enter the data in table 2.

NUMBER OF ITEMS BOUGHT BY TRADERS					
Name	1 kg sugar	1 Kg Kimbo	1 Kg Bar Soaps	1 Litre Quencher	Kiwi big (200ml)
Kim	400	200	340	120	290
Ham	500	400	400	200	300
Wam	200	600	300	400	150
Oti	600	200	200	100	230
Ami	400	200	350	200	160

Table 2

After running the business for two weeks, each trader had sold all commodities in their stock. The selling price (Kshs) for each item and each trader are as shown in **table 3** below.

SELLING PRICE OF EACH ITEMS					
Name	1 kg sugar	1 Kg Kimbo	1 Kg Bar Soaps	1 Litre Quencher	Kiwi big (200ml)
Kim	89.50	224.20	151.00	119.60	234.90
Ham	85.00	232.70	157.20	127.30	246.50
Wam	86.00	237.50	166.00	123.10	235.00
Oti	77.00	247.50	152.50	116.60	232.20
Ami	77.50	232.50	161.00	124.10	236.50

Table 3

- (a) Using a spreadsheet package creates the following tables' **table1, table2, and table3 in sheet 1, sheet 2 and sheet 3 respectively**. Save as **KASSU _Super Market**.(8Marks)
- (b) (i) Enter the data in table 1 to sheet 1. (2mks)
 (ii) Enter the data in table 3 to sheet 3. (2marks)
 (iii) using a form enter data in table 2 in sheet 2. (5marks)
- (c) Format the cells to appear as they are in **table 2** and **table 3** above. (1 marks)

- (d) Rename sheet 1 as **ITEMS SHEET**, sheet 2 as **FORM**, and sheet 3 as **PROFIT**.
(1 mark)
- (e) Create a new table starting from A10, type the following labels in the given cells: Profit Per Item, Total profit per trader, Total profit per item and Remarks. (2 marks)
- (f) Using the prices of commodities and the items bought by each trader on **ITEM SHEET** determine:
- The profit made by each trader on each item sold. (5 marks)
 - The profit made on each item sold. (5 marks)
 - Format the profit to KASSU shillings (KAS) and round up the profit for each trader to zero decimal places. (2 mark)
- (g) Use a function to display the remarks as follows: (2½ marks)
- | PROFIT | REMARKS |
|-------------------------|----------------|
| Profit exceeding 15,000 | GOLD |
| Profit exceed 10,000, | SILVER |
| Profit below 10,000 | BRONZE |
- (h) Use a function to determine:
- The trader with the highest profit. (1 mark)
 - The trader with the lowest profit. (1 mark)
 - The number of traders whose profit exceed Kshs.20,000 (1 mark)
- (i) Using the information on Profit Sheet, create a well labelled Column graph on a new sheet showing the profit made on Sugar and bar soap by each trader. (3 marks)
- Label the chart as follows.**
- Chart title: “Profit on sugar and Bar soaps by each trader”. (½ mark)
 - Legends position: at the top. (½ mark)
 - Axes – Y- axis “**Profit made**”, X – axis: “**Traders’ Name**”. (1 mark)
- (j) Rename the sheet with the chart as “**My Chart**”. (1 mark)
- (k) Change page orientation of **ITEMS SHEET** and **My chart** to landscape. (1 mark)
- (l) Print (1½ mark)
- Form (½ mark)
 - Item sheet (½ mark)
 - Profit Sheet showing formula. (1½ mark)
 - My chart. (½ mark)

2. Fourth year computer students of KASSU INSTITUTE of TECHNOLOGY are required to design the following publication as shown in the SAMPLE using a desktop publishing program.

All measurements are in inches

Font, borders and graphics used in the task should be similar to those in the sample publication

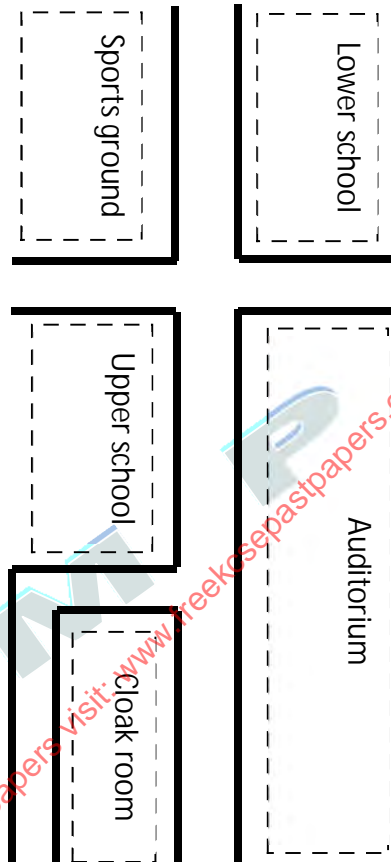
- (a) Set the page layout as follows (3 marks)
- i. Paper orientation : Landscape
 - ii. Margin guides : 1 inch all round
 - iii. Paper size : A4
- (b) Save publication as yearly trip (2 marks)
- (c) Rename page 1 to *academic trip* (1 mark)
- (d) Design the title “KASSU INSTITUTE OF TECHNOLOGY “as follows: (4 marks)
- i. Text : Britannic Bold
 - ii. Text colour : Accent 1(RBG 51,102,102)
 - iii. Border measurement :Height 1.3” width 2.3”
 - iv. Border weight :4 pt
- (e) YEARLY ACADEMIC TRIP : FONT “Goudy Old Style” size 28 (2 marks)
- (f) TRIP OF THE YEAR : FONT “Goudy Old Style” size 14 (4 marks)
- i. Border measurement : Height 0.5” width 2.0”
 - ii. Border weight : 4 pt
- (g) KASSU ICT CLUB : FONT “Goudy Old Style” size 14.(4 marks)
- i. Border measurement : Height 0.5” width 2.0”
 - ii. Border weight : 4 pt
- (h) Insert all Clip arts : as shown (4 marks)
- (i) Outer border size : 6.3”x2.3” (4 marks)
- (j) All other text are font “Goudy Old Bold” size 12 (11 marks)
- (k) Draw the MAP for the school as shown : (6 marks)
- (l) Insert all other objects with text : (4 marks)
- (m)Print the publication on two pages(both sides) (1 mark)

TRIP OF THE YEAR

All fourth year computer students will be having a 3-day academic trip on the second last Friday of the term.

The place is hot and students are advised to carry appropriate respectable clothes for the

East or
West Home
is Best



THE SCHOOL'S MAP

Kassu Business Center
P.O.Box 53278 00123
Kassu Lane
KASSU

Phone: 555-555-5555
Fax: 555-555-5555
E-mail: kassu-ict@kassu.com

KASSU INSTITUTE OF TECHNOLOGY



YEARLY ACADEMIC TRIP

KASSU ICT CLUB



List of items to Carry

- ⇒ Writing materials
- ⇒ Clip board
- ⇒ Stationery
- ⇒ Snacks
- ⇒ Drinking water
- ⇒ Pocket money

All computer students will be having their academic trip on the date provided. The trip will take on full day from 7:00am to 6:00pm.

Transport to and from the venue will be provided by the school. Students are required to carry the list of items listed.

Incase of any absenteeism, a letter is required from the student's guardian or parent stating the reason.

For further clarification or questions visit the office of the Academic Registrar.

Students's name _____

Admission number _____

Home address _____

Parent's mobile _____

Parent's Consent Form

Sign up for:	Amount(Ksh)
Accommodation	3,000.00
Meals	2,000.00
Transport	3,000.00
Transport around town	1,000.00
Photographs	500.00
Pocket money	_____
Total	_____

Preparation for the Yearly
Academic trip for Computer
students

This form should be signed by the Parents or Guardian and returned to the office of the Academic Registrar by the beginning of the term