

KAPSABET HIGH SCHOOL

451/1 -

COMPUTER

- Paper 1



2 Hrs 30 mins



NAME.....ADM.....CLASS.....
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2022 TRIAL 2 JULY INTERNAL EXAMINATION

Kenya Certificate of Secondary Education

451/2
COMPUTER STUDIES
PAPER 2
PRACTICAL

INSTRUCTIONS TO CANDIDATES

- ❖ *Type/Write your name and admission number at the top right hand corner of each printout.*
- ❖ *Write your name and index number on the CD-R. .*
- ❖ *Answer all questions. They carry equal marks.*
- ❖ *All answers must be saved in your CD-R.*
- ❖ *Hand in all the printout and the CD-R*

This paper consists of 5 printed pages. Candidates should check the question paper to ensure that all pages are printed as indicated and no questions are missing.

1. a) Type the following passage as it appears and save it as CFSK (36 marks)

Computer for Schools Kenya

Computers for Schools Kenya (CFSK), is a non-profit organization established in October 2002 with the vision of establishing an information-rich Kenyan society actively contributing to sustainable national development. CFSK seeks to empower youths and communities for life in a knowledge-based society by facilitating the development of ICT infrastructure and capacity.

CFSK believes in the power of education and that it is possible to teach, train, feed and ensure sustainable development for the nation through application of technology and the innovations it ensures.

The CFSK program thus creates a forum for community development that is led by community members and sustained by a multiplier effect

In the nine years of existence, CFSK has sourced over 45,000 personal computers that have been deployed in nearly 2,000 learning institutions. CFSK organizational and operational model has also been recognized as an exemplar, with ongoing efforts to replicate the same in other African countries. CFSK won the 2007 and 2008 African ICT Achievers Award in the category of top civil society organization to bridge the digital divide in Africa.

The annual awards for leadership in ICT in Africa were handed out in November 2007 and 2008 at a televised gala in Johannesburg, South Africa. During this period of time, we have also carried out training for over 12,000 heads of schools and Education Officers, teachers/tutors, and members of Schools' Boards of Governors and Parents/Teachers Associations. We have successfully developed digital multimedia teaching/ learning resources specifically intended for our national secondary school curriculum – providing both teachers and students with an invaluable modern tool that makes learning interesting and stimulating. We have also developed software tools for school

administration and management.

The incorporation of e learning into the CFSK curriculum will be prime in increasing its capacity in encouraging sustainable practices to growing the curriculum in ICT even to rural Schools thus cutting out a new niche in the Information Technology Sector.

Website

<http://www.cfsk.org>

Year established

2002

Partnership types

- Doing business with the poor (1029)
- Project funding (4182)
- Provision of goods (1707)
- Get inspired
- Q & A
- Standards / guidelines / toolkits
- Country / territory
- Global issues
- Business sectors
- Yellow pages
- Stories
- CSR / Sustainable development
- Fair trade
- Social entrepreneurship
- Partnering options
- Requests
- Offers
- News
- Disasters

b) Apply 1.5 line spacing to the entire document (3marks)

c) Spell check the document to remove all the errors (2 marks)

d) Page number the document as follows

i) Page number position: Bottom centre (2 marks)

ii) Number format: Capital roman numbers (2 marks)

e) Apply justify alignment to the entire document (2 marks)

f) Save the document as CFSK1 (2 marks)

h) Print the documents CSFK, and CSFK1 (1 mark)

2. The following table shows Kipevu Cargo Handlers Company annual collection of containers from different storage yards, on behalf of Kenya Ports Authority, in Mombasa. Assuming you are working for the company as a data analyst, study it and answer the questions that follow.

a) Using a Spreadsheet package, enter the above data exactly as it appears into a workbook and save it as CARGO DETAILS. Rename the worksheet as KIPEVU CARGO

(15mks)

b) Calculate the Transport cost for each Transporter

(2mks)

c) Each Transporter is awarded Royalty Bonus of Kshs 80 per Container. Type the value 80 in cell B15 then use it in a function to calculate each Transporter's Royalties

(2mks)

d) Copy the data above in Sheet 2 and Rename it as **Transporter Payment**

(2mks)

e) Each transporter is given a Gross pay depending on the zone they are working in as follows:

Zone	Gross pay (Kshs)
A	45,000
B	55,000
C	60,000

(i) Add the following data in the Transporter Payment sheet

(5mks)

(ii) Each Transporter gets a 10% deduction from their gross pay. Use a formula to compute deductions for each Transporter

(2mks)

(iii) Given that Net pay = Gross pay + Bonus - Deductions, use a formula to compute the Net pay for each Transporter

(2mks)

f) Rank the Transporters in descending order of the Net pay

(4mks)

g) Use Subtotals function to compute Total Net pay for each zone

(6mks)

h) Use a pie chart to represent the Subtotals above as percentages of the Grand Net pay

(6mks)

i) Print the following:

(4mks)

i) The chart

- ii) Kipevu Cargo sheet
- iii) Transporter Payment Sheet
- iv) All the formulas/functions used

KIPEVU CARGO HANDLERS

ZONE	TRANSPORT NUMBER	TRANSPORT NAME	CONTAINERS DELIVERED	TRANSPORT AMOUNT PER CONTAINER (KSHS)	TOTAL TRANSPORT COST PER TRANSPORTER	TOTAL ROYALTY BONUS PER TRANSPORTER	DEDUCTIONS	GROSS PAY	NET PAY
A	142	William Ole Tumbo	123	2000					
B	143	Justus Boyen	870	2500					
B	144	Mary Mutua	1130	2500					
B	145	Benjamin Seth	982	2500					
A	146	Nelly Onyango	679	2000					
C	147	Hamisi Timu	560	3000					
A	148	Mike Rudisha	786	2000					
C	149	Faith Wanjala	598	3000					
A	150	Tim Bwire	740	2000					
C	151	Newton Mageto	944	3000					

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