

Name.....

Index No...../.....

School.....

Date

Candidate's Signature.....

451/2
COMPUTER STUDIES
PAPER 2
(PRACTICAL)
JULY / AUGUST - 2010
TIME: 2 ½ HRS

RARIEDA DISTRICT JOINT EVALUATION TEST- 2010
Kenya Certificate of Secondary Education (K.C.S.E)

451/2
COMPUTER STUDIES
PAPER2
(PRACTICAL)
JULY / AUGUST - 2010
TIME: 2 ½ HRS

INSTRUCTIONS TO CANDIDATES

- Answer BOTH questions
- All questions carry equal marks
- All answers must be saved in your diskettes/ Removable device
- Insert your name and index number as headers on all your documents
- Make a print out of the answers on the answer sheets provided
- Hand in the print outs and the diskette

This paper consists of 4 printed pages.

Download thousands of KCSE mock past papers @ www.kcse-online.info

Candidates should check to ensure that all pages are printed as indicated and no question(s) is missing

QUESTION ONE

- (a) Create a database in the floppy disk named 'RARIEDA COLLEGE' . (2mks)
- (b) Create a table with the following fields using appropriate data types: Adm No, First Name, Last Name, Course, Date of Admission and Completed. Save it as STUDENTS DETAILS (8mks)
- (c) Set Adm No as a Primary key and the default value for the Date of Admission to reflect today's data. (2mks)
- (d) Create a Columnar form that would be used to enter data into STUDENTS DETAILS and save it as STUDENTS DATA ENTRY. (3mks)
- (e) Use the above form to enter the following data into the database. (6mks)

Adm No.	First name	Last name	Course	DOA	Completed
3224	John	Flora	IMIS	12/01/2010	Yes
4455	Mary	Mutua	Accounts	24/12/2009	Yes
6677	Benard	Maingi	French	15/5/2010	No
7760	David	Naja	IMIS	0./04/2010	No
2312	Evy	Danson	French	23/8/2009	Yes
6547	Joy	Kelly	IMIS	4/3/2010	No
6579	Mwangi	Sam	IMIS	18/4/2010	No

- (f) Create a table named 'FEE PAYMENT' in the same database to contain Adm No, Fee Paid and Receipt No. (5mks)
- (g) Link STUDENTS DETAILS table to FEE PAYMENT table. (2mks)
- (h) Enter the following details directly into the FEE PAYMENT table. (2mks)

Adm No.	Fee paid	Receipt number
3224	12000	100
4455	30000	121
6677	30000	152
7760	25000	134
2312	30000	145
6547	23000	124
6579	30000	150

- (i) Create a query to display the following details: Adm no, First name, Last name, Fee paid. Save as FEE PAID. (5mks)
- (j) Display a list showing the Last name and the Fee balance for all students who owe the college over 10000 given that the total fees for each course is 30000. Save as SEND HOME. (5mks)
- (k) Certificates are to be given only those who have completed their course and have paid the full amount. Create a query, having the Adm No, First name, Last name and course for all students to be awarded the certificates. Save as GRADUANTS. (5mks)
- (i) Prepare reports for STUDENTS DETAILS, FEE PAYMENT, FEE PAID, SEND HOME, GRADUANTS. (5mks)

- (m) Print the reports in (I) above. (5mks)

QUESTION TWO

- (a) Type the following text using a word processor, font size 12', line spacing 1 1/2 and save it as ACM1. (20mks)

Congress Endorses Computer Science Education as Driver of Innovation, Economic Growth

AC (10/21/09)

ACM and several computing community partners commend the U.S. House of Representatives passage of a resolution to improve the visibility of computer science as a transforming industry that propels technology innovation and improves economic productivity. The House resolution designates the week of December 7 as 'National Computer Science Education Week' and calls on educators and policymakers to improve computer science learning at all education levels and to encourage increased participation in computer science.

ACM is working with Microsoft, Google, Intel, the Computer Science Teachers Association (CSTA), the National Center for Women & Information Technology (NCWIT), and the Computing Research Association to improve awareness that computer science education is a national priority. "National Computer Science Education Week will help us draw attention to the need for an educational system that values computer science as a discipline and provides students with critical thinking skills and career opportunities," says ACM Education Policy Committee chair Bobby Schnabel, dean of the School of Informatics at Indiana University.

CSTA executive director Chris Stephenson notes the vital role that computing plays in people's daily lives, and stresses the urgency of building a strong computing workforce. "We need to expose K-12 students to computer science concepts to help them gain critical 21st century skills and knowledge, and we're grateful for Congress' recognition of this need as a national priority," Stephenson says. NCWIT CEO and co-founder Lucy Sanders says the annual commemoration of National Computer Science Education Week can strengthen efforts to inform students, teachers, parents, and the public about how computer science enables innovation in all science, technology, engineering, and mathematics fields and creates economic opportunities.

- (a) (i) Format the heading as follows: Uppercase, size 16', double underlined. (3mks)
(ii) Apply two columns in the second paragraph. (2mks)
(iii) Indent the third paragraph to 0.5" to the right and 0.5" to the left. (2mks)

Download thousands of KCSE mock past papers @ www.kcse-online.info

- (iv) Save the document as ACM2. (2MKS)
- (b) (i) Copy ACM1 into a new document. (2mks)
- (ii) Apply drop cap in the first paragraph. (2mks)
- (ii) Apply page break in the document so that each paragraph is in its own page. (2mks)
- (iii) Number the pages in the document. (2mks)
- (iv) Enter the following in page two of the document. (3mks)

PACKAGE	DURATION	FEES
WORD		1500
EXCEL	20 HOURS	
ACCESS	25HOURS	3000
DTP	15 HOURS	3500

- (iv) Save as ACM3. (3mks)
- (c) Print ACM1, ACM2 and ACM3. (3mks)