KAPSABET HIGH SCHOOL

451/2
COMPUTER STUDIES
Paper 2
(PRACTICAL)
Time 2 ½ HOURS

Kenya Certificate of Secondary Education (K.C.S.E.)

Name……………………………………………..   Adm No……………….

Stream…………………………………………….   Date …………………………

Sign   ....

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INSTRUCTIONS TO CANDIDATES

1. Type your name and index number at the top right hand corner of each printout
2. Sign and write the date of the examination below the name and index number on each printout
3. Write your name and index number on the compact disks
4. Write the name and version of the software used for each question attempted in the answer sheet
5. Passwords should not be used while saving in the compact disks
6. Answer all the questions
7. All questions carry equal marks
8. All answers must be saved in your compact disks
9. Make a printout of the answers on the answer sheets provided
10. Hand in all the printouts and the compact disks

Question 1

(a) Using Desktop Publishing application program, design the following publication. Name the file as HEALTHY_SCHOOL (19mks)

(b) Prepare the page layout out as follows:

FOUNDATIONS FOR A HEALTHY SCHOOL

The implementation of the health and physical education curriculum is a significant component of a healthy school environment.

The Ministry of Education's "Foundations for a Healthy School"(www.edu.gov.on.ca/ eng/ healthy schools/ foundations.pdf) identifies four components that together represent a comprehensive approach to creating a healthy school. This approach ensures that students learn about healthy, active living in an environment that reinforces their learning through policies and programs that promote healthy, active living. **The four components are as follows:**

- high-quality instruction and programs
- a healthy physical environment
- a supportive social environment
- community partnerships

Reach every group

The roles and responsibilities in health and physical education must involve the following groups :

1. *Teachers*
2. *Students*
3. *Parents*
4. *Principals*

      (i)   Custom paper size: Width = 11.6", Height = 8.268   (2mks)

      (ii)   Set the margins to 0.787" all round   (2mks)

      (iii)   Divide the page into TWO equal horizontal parts using a ruler guide.   (2mks)

      (iv)   The border of the design should start from the set margins   (2mks)

NB: After designing one part of the divided page, TWO copies of the publication should fit into one page in landscape as set up above.

(c) Create a logo as shown to measure **height** 1.213" and **width** 1.118"   (3mks)

(d) (i) The main title text (near the logo) should be of **Candara, Font size 26, Bold and Right aligned** (4mks)

    (ii) Set-up the rectangular object with the main heading to a background color of **Accent 1**   (1mk)

(e) The text on the lower part of the publication should to be formatted as follows: (3mks)

     -   Color: **Custom color combination (Red=51, Green=4, blue=252)**

     -   Alignment: **Left**

     -   Font: **Size 10**

(f) Format all other text to **times new roman font type** and **font size 12**   (2mks)

(g) Apply a style to the line below the text in columns and a thickness of 4.5" in weight   (1mk)

(h) Enforce hyphenations to the text in columns   (1mk)

(i) The star object with text "Reach every group" should be a 24-point star. Format the text inside to font type **calibri**   (2mks)

(j) Make the designs to fit one page   (1mk)

(k) Group all objects in the two designs as one.   (2mks)

(l) Insert a footer using your name index number, aligned to the center   (2mks)

(m) Print the publication.   (1mk)

Question 2

The information in the table below was obtained from the books of Safiri Transport Company.

CAR	MODEL	REGNo	YEAR OF MANUFACTURE	DRIVER	IDNO	EMPLOYMENTNo	TRIPS MADE	DESTINATION	ALLOWANCE PER TRIP	DAILYPAYRATE
TOYOTA	PICKUP	KAG 725 H	1996	JOHN	122834	DI1223	5	NAIROBI	1250	1500
ISUZU	SALOON	KCB 725 D	2010	MARY	153458	DI9853	3	KERICHO	3400	1500
MAZDA	S/SAGON	KBC 763 L	2006	BETTY	986732	DO4587	15	KISUMU	4300	1500
IVECO	TRUCK	KAG 625 H	1987	KYLE	985443	DO6592	20	KERICHO	3400	1500
TATA	TRUCK	KZG 725	2011	PETER	758849	DI4010	25	KERICHO	3400	1500
JAC	TRUCK	KAA 740 H	1992	JERRY	985873	DO9203	40	NAIROBI	1250	1500
NISSAN	S/WAGON	KAG 552 M	1990	PAUL	857330	DO8345	2	MUHORONI	4100	1500
MAZDA	SALOON	KCB 678 J	2010	SETH	764943	DI9352	15	M0MBASA	8000	1500
MITSUBISHI	TRUCK	KCC 345 F	2006	KATE	934472	DI8754	2	KERICHO	3400	1500
TOYOTA	S/WAGON	KCA 892 U	1987	CALEB	109456	DI6557	1	MUHORONI	4100	1500
TOYOTA	S/WAGON	KAP 544 R	2011	TIM	678842	DO7395	1	KISUMU	4300	1500
ISUZU	S/WAGON	KAP 711 R	1992	PATRICK	764484	DO5764	7	NAIROBI	1250	1500
BENZ	SALOON	KBN 877 C	1991	BRIAN	769973	DI2343	3	KISUMU	4300	1500

a. Using a database management application split the information in the above table into two tables namely vehicle and drivers respectively and save the database as Safiri Transport Company   (15 Marks)

b. Create a relationship between the two tables   (2 Marks)

c. Create an appropriate form that would be used to enter new records in the driver's table and save it as form driver   (7 Marks)

d. Create a query that will display a list of all the drivers who made more than 5 trips to kericho, include all the necessary details. Save it as kericho.   (5 Marks)

e. Create a query with a calculated field named total allowance to display the total allowance earned by each driver, include all the necessary details. Save it as allowance   (5 Marks)

f. Using both tables, create a query that would be used to complete each driver's earnings and save it as pay roll.

(3marks)

g. Using the payroll query in (f) design a report for Safari Transport Company that would used to calculate total allowance and monthly pay for each driver, assuming that each driver works for 25 days in a month.   (7marks)

h. Print vehicle, driver, form driver, kericho, allowance and payroll   (6 Marks)