

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

2021 TRIAL 3 OCT/NOVEMBER INTERNAL EXAMINATION

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

| Name | Adm No |
|--------|--------|
| Stream | Date |
| Sign | |

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KAPSABET BOYS HIGH SCHOOL



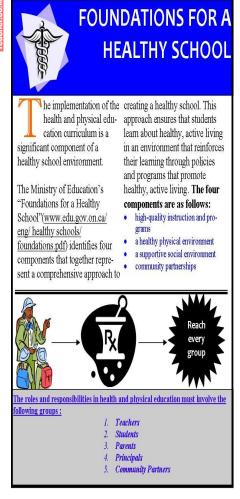
451/2 COMPUTER STUDIES Paper 2 (PRACTICAL) Time 2 ½ HOURS

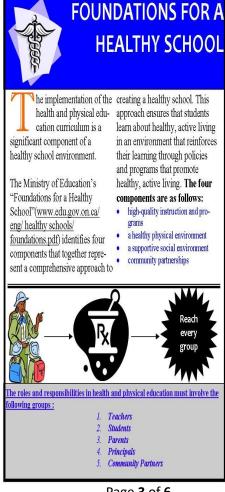
INSTRUCTIONS TO CANDIDATES

- 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
- **(b)** Prepare the page layout out as follows:





(19mks)

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| (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 abo | ove. |
| (c) Create pgo 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) | |
| - 11 - 12 - 12 - 12 - 12 - 12 - 12 - 12 | | 11-1 |
| (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 fo(j) Make the designs to fit one page | nt type calibri (1mk) | (2mks) |
| (k) Group all objects in the two designs as one. | (2mks) | |
| (I) 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 | MOMBASA | 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)