GOLDEN ELITE EXAMINATIONS

451 / 2
COMPUTER STUDIES
Paper 2(PRACTICAL)
2 ½   Hours

INSTRUCTIONS TO CANDIDATES

(a) Indicate your **name** and **index number** at the top right hand corner of each printout.

(b) Write your **name** and **index number** on the CD/Removable storage medium provided.

(c) Write the name and the version of the software used for each question attempted in the answer sheet.

(d) Answer **all** the questions.

(e) All questions carry equal marks

(f) Passwords should not be used while saving in the CD/removable storage medium provided.

(g) All answers **must** be saved in your CD/Removable storage provided.

(h) Make a printout of the answers on the answer sheets provided.

(i) Hand in all the **printouts** and **CD/Removable storage medium** used.

(j) This paper consist of **4** printed pages.

(k) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

QUESTION ONE

a)   Using the information below, design an appropriate spreadsheet and enter the following data
        Give the table an appropriate Title. Save as ***D: ACTIVITY 1***   *(12mks)*

Khadija scored 89 in English. 76 in Biology, 56 in *Computer*, 90 in Kiswahili and 48 in Math's. **Peter** scored 78 in English, 89 in Biology, 67 in *Computer*, 90 in Kiswahili and 34 in Math's. **Jane** scored 70 in English, 93 in Biology, 34 in *Computer*, 23 in Kiswahili and 69 in Math's.   **Tasneem** scored 72 in English, 36 in Biology, 79 in *Computer*, 85 in Kiswahili and 56 in Math's   **Rashid** scored 90 in English, 98 in biology, 89 in *Computer*, 100 in Kiswahili and 35 in Math's.

(b) Calculate the total marks for each student   Label it appropriately. Write on the paper provided the formula used for Tasneem.   *(6mks)*

(c) Calculate the average for English, Biology, *Computer*, Kiswahili and Math's and Total score for the class.
      Label this average appropriately and write on the paper provided the formula for obtaining these average
      marks for *Computer*. Save as D:' ***Activity 2***   *(8mks)*

(d) Arrange the records in a descending order by total score.   *(4mks)*

(e) Count all students whose total score is above 60% and place your result in an empty cell. Label the result
       appropriately   Write on the paper provided the formula used. Save as ***D: Activity 3.***   *(6mks)*

(f) The school would like the remark PASS for students whose total score is 50% and above and FAIL
       otherwise. Generate an appropriate cell. Label the row/column as REMARK, Write down the formula
       used for Peter. Save as ***D: Activity 4.***

                                                                                                (6mks)

(g) Plot a bar graph for the following averages. English, Biology, *Computer*, Kiswahili and Math's Add a title
       and label the *X* and Y axes appropriately. Save your graph as ***D: Activity G. (6 Marks)***

h) Print *Activity*1, *Activity* 3, *Activity* 4 and *Activity* G.   *(2mks)*

QUESTION TWO

(a) Create a database file named *D:*HOTELS to store the following data. Make the passport Id unique record identifier (the primary key) *(20marks)*

NAMES	PASSPORT	AGE	MALE	HOTEL	HOTEL CHARGE	DATE OF VISIT
Bank Moon	UN017/98	42	YES	SERENA	$3'000.00	3.02.98
Barbara Bush	US009/98	58	NO	INTER-CONTINENTAL	$6,000.00	2.12.98
Hilary Clinton	USO15	38	NO	*WINDSAR*	$7,000.00	1.02.98
Nana Anan	UNO16/98	42	NO	*HILTON*	$8,000.00	1.10.98
Akata Mary	UG013/98	68	YES	*HILTON*	$4,500.00	1.02.98
Jakaya Kikwete	TZ001/98	68	YES	*HILTON*	$6,300.00	1.05.98
Desmond Tutu	SA007/98	79	YES	*WINDSAR*	$7,000.00	3.04.98
Mashell Graca	MG011/98	51	NO	INTER-CONTINETAL	$10,000.00	3.05.98
Kennedy Njoroge	KE001/98	45	YES	*LAICO*	$6,000.00	1.06.98
Margaret Thatcher	GB010/98	72	NO	SERENA	$9,200.00	1.02.98
Museveni Kaguta	UG00/98	52	YES	*WINDSAR*	$8,000.00	1.11.98
Jalal Talabani	IQ005/98	64	YES	*LAICO*	$3,200.00	3.05.98
Al Bashir	LB006/98	48	YES	*WINDSAR*	$11,000.00	3.12.98

Salva Kilr	SD014/98	50	YES	*HILTON*	$8,000.00	1.12.98
Jacob Zuma	SA012/98	67	YES	SERENA	$11,000.00	2.11.98

b)

    ii) Sort the table in ascending order of age.

    iii) Save the table as D Hotels 2   *(3 Marks)*

c)   Insert a field that will accommodate the continents of their origin. Note that passport ID UNO 17/98, UN016 98, USOI5/98, US009/98 are from America. UG013/98, TZ001/98, SA007/98, MQ011/98, KE001/98, UG003/98, LB006/98, SDOI4/98, SDO14/98 AND SAO 12/98 from Africa 1Q005/98 Asia and GB010/98 Europe. Save as *D:* Hotels 3   *(6marks)*

d)   i) Create a query that contains the field passport ID, Names, Date of Visit, Hotel Charge and age for all members who visited Kenya hotels after 2/12/98 and are above 60 years of age or their Hotel charge paid is less than $ 7,000.00 Write down the query expression used. Save as *D: QueryH*   *(6 Marks)*

ii.   Create a total query that will give total hotel charges .Save as *D:QueryT*   *(4marks)*

e)

i) Excluding the male field, create a report and give it a title " President Visit"   *(6marks)*

ii) Save the report as *D: Report P*   *(2Marks)*

 iii)Print Hotels, Hotels *2,* Hotels 3, Query H, Query T, Report P   (3mks)