

840/2
**COMPUTER
STUDIES**
Paper 2
Oct/Nov. 2023
2½ hours

Uganda Certificate of Education

COMPUTER STUDIES

(PRACTICAL)

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES

*This paper consists of **two** sections **A** and **B**.*

*Section **A** contains **one compulsory** question.*

*Section **B** contains **three** questions. Answer any **two** questions from this section.*

*Each candidate is provided with a **new blank compact Disc (CD)***

*Use a **permanent marker** to write your name, random number and personal number on your CD.*

You should continuously save your work

*You **must** produce a **hard copy** for each of the work to accompany the compact disc (CD)*

Turn Over

SECTION A: (40 Marks)

This section is compulsory.

1. (a) Type the following information as it is. Use font Size **13.5** Font Style **Courier**
. Save using your **Name** and **Personal Number** (05 marks)

The **SHIFT KEY** enables a typist to extract a given symbol on a certain key of the keyboard usually shared by another character. The symbols include:-

\$
!
?
“
{
~
+
@
%

&

Character Map: *These symbols are not found on the keyboard. They include*

Ω
☺
÷
®
©
Ψ

- (i) Apply Single line spacing to your work. (02 marks)
- (ii) Set the Page orientation to landscape (02 marks)
- (iii) Apply a red page border of 3points (02marks)
- (iv) Insert bullets of your choice on Shift Key symbols (01 marks)
- (v) Insert a footnote on any Shift key symbol describing the keys you pressed to obtain it. (02 marks)
- (vi) Right align the Character Map symbols and color them red. (02 marks)
- (vii) Insert a Text box below the document containing your **name** and **personal number**. (02 marks)
- (viii) Set your work on an A5 paper size and print two copies. (02 marks)

- (b) The following information was obtained from an International Airport Showing different airline Cash Collections.

	A	B	C	D	E	F
1	AIRLINE	PASSENGERS	FEES	COLLECTIONS		
2	QUATAR AIRWAYS	72	\$360			
3	ETHIOPIA AIRWAYS	89	\$311			
4	BRITISH AIR WAYS	105	\$430			
5	RWANDA AIR	54	\$209			
6	UGANDA AIRWAYS	66	\$213			
7						
8						

- (i) Enter the above data on a suitable spreadsheet program of your choice and save as '**Airport- Your Personal number**' (01 mark)
- (ii) Use a formulae to find the Collections of each airline which is **(PASSENGERS X FEES)** (03 marks)
- (iii) Sort the data in the spreadsheet according to descending order of AIRLINE. (03 marks)
- (iv) Insert a Pie chart basing on **AIRLINE** and **COLLECTIONS** (03 marks)
- (v) Align column headings to an angle of **65°** (03 marks)
- (vi) Apply a green all border to your work. (03 marks)
- (viii) Copy your work to **sheet 3** and rename it as **Copied**. (02 marks)
- (ix) Print only the pie-chart. (02 marks)

SECTION B (60 MARKS)

Attempt only **two** questions from this section.

2. The data entry forms below were used to submit Science laboratory data from various departments of a Government Aided Seed School. Use the Forms to Carry out Various assignments given to you by the Inspectorate General of Government (IGG) since you're the database administrator in the IGG office.

ENTRY ONE: (Submitted by Biology Department)

APPARATUS	
APPARATUS:	TEST TUBE
DEPARTMENT:	BIOLOGY
NUMBER IN STOCK:	200
APP ID:	AP60
DATE OF STOCK:	2/3/2021
USED UP:	<input checked="" type="checkbox"/>

ENTRY TWO: (Submitted by Chemistry Department)

APPARATUS	
APPARATUS:	BURETTE
DEPARTMENT:	CHEMISTRY
NUMBER IN STOCK:	93
APP ID:	AP62
DATE OF STOCK:	4/11/2022
USED UP:	<input type="checkbox"/>

ENTRY THREE: (Submitted by Physics Department)



APPARATUS

APPARATUS:	PENDULUM BOB
DEPARTMENT:	PHYSICS
NUMBER IN STOCK:	117
APP ID:	AP64
DATE OF STOCK:	7/10/2019
USED UP:	<input type="checkbox"/>

ENTRY FOUR: (Submitted by Agriculture Department)



APPARATUS

APPARATUS:	EGG ALBMIN
DEPARTMENT:	AGRICULTURE
NUMBER IN STOCK:	59
APP ID:	AP65
DATE OF STOCK:	3/3/2018
USED UP:	<input checked="" type="checkbox"/>

LAST ENTRY: (Submitted by Foods & Nutrition Department)



APPARATUS

APPARATUS:	BAKING SODA
DEPARTMENT:	NUTRITION
NUMBER IN STOCK:	16
APP ID:	AP69
DATE OF STOCK:	4/9/2022
USED UP:	<input checked="" type="checkbox"/>

- (a) Create a database using a suitable program and save it as '**Inspection**'. (02 marks)
- (b) Analyze data in the forms to create a suitable **table** called **APPARATUS**. Add a suitable primary key and data types. (04 marks)
- (c) Design and use a form (*like those above*) to enter data into the table designed in (b) above. Save the form as **Data Entry Form**. (10 marks)
- (d) Create two queries using all field names to attempt the following conditions:
 - (i) Stock that was used up. Save it as **usedup** (04 marks)
 - (ii) Departments that end with letter "Y". Save it as **Core Sciences** (04 marks)
- (e) Create a simple report for **Core Sciences** showing only Department and APP ID. Save the report as **Core Sciences Report**. (03 marks)
- (f) Insert footer as ©IGG 2023- your names (02 marks)
- (g) Print only the **usedup** query and the **DATA ENTRY FORM** (01 mark)

3. Using any website authoring software of your choice, create a website that contains:

- (i) Simple Banner reading "SHAZAM INTERNET CAFE" to be included on the homepage. (05 marks)
- (ii) Provide a running marquee holding the motto "Come one come all". (04 marks)
- (iii) In the shared boarders, include Home, Activities, Photo gallery. (04 marks)
- (iv) Provide active link between the three pages of the site. Buttons for next and back need to be included. (07 marks)
- (v) Include an e-mail tool that enables sending FAQ and inquiry to the webmaster 'obina@admin.cc'. (05 marks)
- (vi) Apply an interesting background to the three pages and save as 'Cafe'. (03 marks)
- (vii) Print your work (02 marks)

4. Uganda Wildlife Authority (UWA) is planning a sensitization of the mass upon the poaching vice which is rampant in areas of national parks and Game reserves. Use suitable presentation software to design a five slide presentation about Poaching.

Slide one: Introduction to the Poaching. (02 marks)

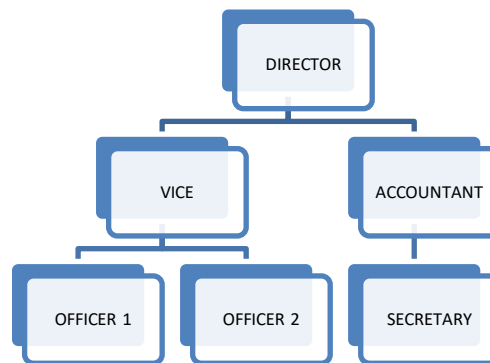
Slide two: Dangers of poaching (03 marks)

Slide three: Table showing poaching statistics as shown below (03 marks)

Animal	Number poached
Elephants	95
Antelopes	208
Rhino	19
Gorillas	3

Slide four: Insert a column graph for the data in above slide. (04 marks)

Slide five: Organization structure of UWA as shown below. (04 marks)



(a) Link all your slides with action buttons (02 mark)

(b) Apply a relevant clip Art on slide one (02 mark)

(c) Apply relevant fonts, graphics and animations. (03 mark)

(d) Add your name as a header. (01 mark)

(e) Insert speaker notes on slide three saying “Antelopes are the most poached” (02 mark)

(f) Apply current date and time and slide numbers as footer (02 mark)

(g) Save your presentation as ‘Poaching’ (01 mark)

(h) Print each slide on its own page. (01 mark)

END

