840/2
COMPUTER
STUDIES
Paper 2
July/Aug.
2023
2½ hours

ARUA DISTRICT MOCK EXAMINATIONS BOARD
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 and index 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)*

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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 thekeyboard 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 toobtain 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*)

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(b). Enter the data in the table below in a spreadsheet application starting from cell A1 and save as
„PLEResults1" (5 *marks*)

INDEX NUMBER	SURNAME	FIRSTNAME	DOB	ENG	SST	MTC	SCI
JC001	Musoke	Alfred	03/02/2000	46	78	73	76
JC002	Oto	James	04/06/2000	85	75	64	73
JC003	Magoola	Michael	17/05/2000	48	68	75	75
JC004	Busingye	Anne	23/04/2000	57	46	76	72
JC005	Lokeris	Ali	10/12/2000	84	85	73	76
JC006	Kafifi	Sarah	16/09/2000	76	94	72	49
JC007	Atine	Sabiti	05/08/2000	49	58	73	76
JC008	Tenywa	Alex	09/01/2000	44	28	76	72
JC009	Mirundi	Joel	18/01/2001	78	68	76	76
JC010	Muhindo	Rodgers	25/11/2000	46	76	73	71
JC011	Nakakinda	Alice	18/05/2000	48	58	50	64
JC012	Lubaale	Musa	17/08/2001	48	38	48	66

(a) Rename the worksheet to **P72011** and change its sheet tab color to red. (2 *marks*)
(b) Add the **TOTAL**, **AVERAGE**, and **POSITION** columns and use suitable functions to calculate the totalmark, average mark and position in class; for each student. (7 *marks*)
(c) Add a Comment Column to and use the **IF** function to automatically generate the comment "**PASS**" for thestudents with average 55 and above and "**FAIL**" for students with average below 55. (2 *marks*)
(d) Apply „all borders" outline to all cells with data. (1 *mark*)
(e) Setup your page to landscape orientation and add a footer of your name and index number. (2 *marks*)
(f) Print your work. (1 *mark*)

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SECTION B (60 MARKS)

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

2. Your Geography teacher has asked you to design for him a presentation which is going to aid a lesson on Soil Erosion. Design 4 slides as follows:

Slide 1: This slide should have an automatic date above the title, and the definition of soil erosion:

[Soil erosion is the wearing away of the land surface by physical forces such as rainfall, flowing water, wind, ice, t or other natural agents.] (06 marks)

Slide 2: This slide should have the various types of soil erosion:

[(i) Rain drop or splash erosion: Caused by to the impact of falling raindrop on the surface of soil. (ii) Sheet erosion: It is the fairly uniform removal of soil in thin layers from the land surface, caused by wind. (iii) Rill erosion: A form of water erosion in which very small straight channels are produced. (iv) Gully erosion: A form of water erosion in which gullies are produced by combination of unattended rills.] (05 marks)

Slide 3: This slide should have ways of preventing soil erosion:

[(i) We can prevent soil erosion by planting vegetation, trees, ground cover, shrubs and other plants. (ii) We can prevent soil erosion by Creating windbreaks, which are barrier rows planted along the windward exposure of a plot of land. (iii) We can prevent soil erosion by Growing cover crops on farm land when land is not being used. (iv) We can prevent soil erosion by Applying mulching. (v) We can prevent soil erosion by using contour farming when farming on sloped areas.] (05 marks)

Slide 4: Should have a suitable brief summary and conclusion for the lesson. (06 marks)

(i) Add your name as footer on each slide in font Tahoma 26. (02 marks)

(ii) (ii) Apply a suitable slide design and uniform animations. (02 marks)

(iii) (iii) Add graphics from the clip art section where possible. (02 marks)

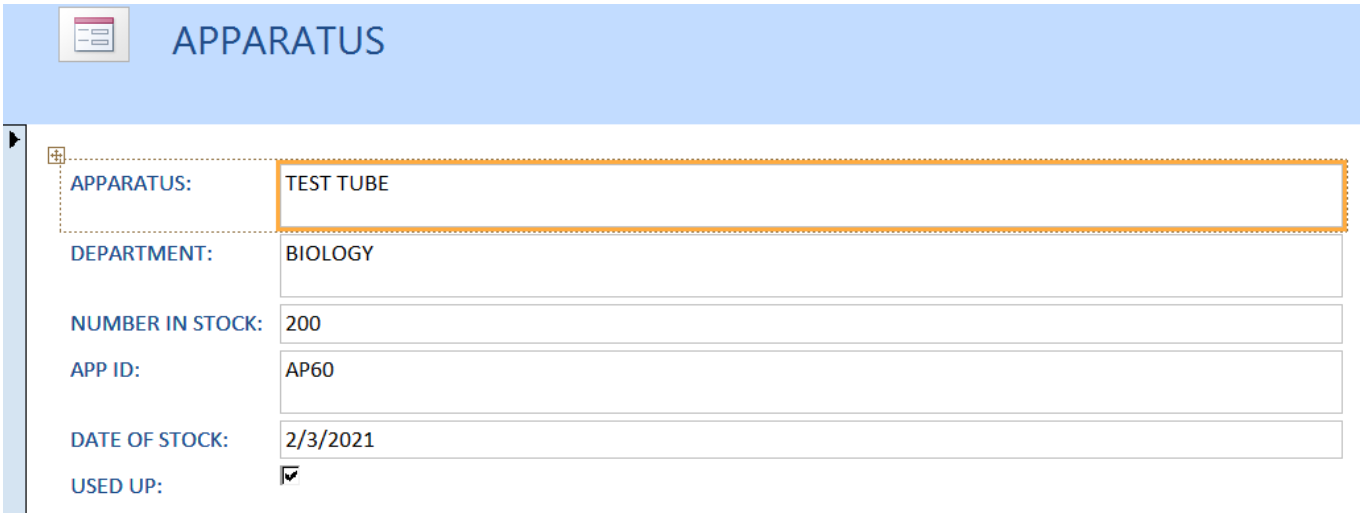
(iv) (iv) Save your work as SOIL EROSION. (01 mark)

(v) (v) Print all the four slides scaled to one page. (01 mark)

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3. The data entry forms below were used to submit Science laboratory data from various departments of a School in Arua District. 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)

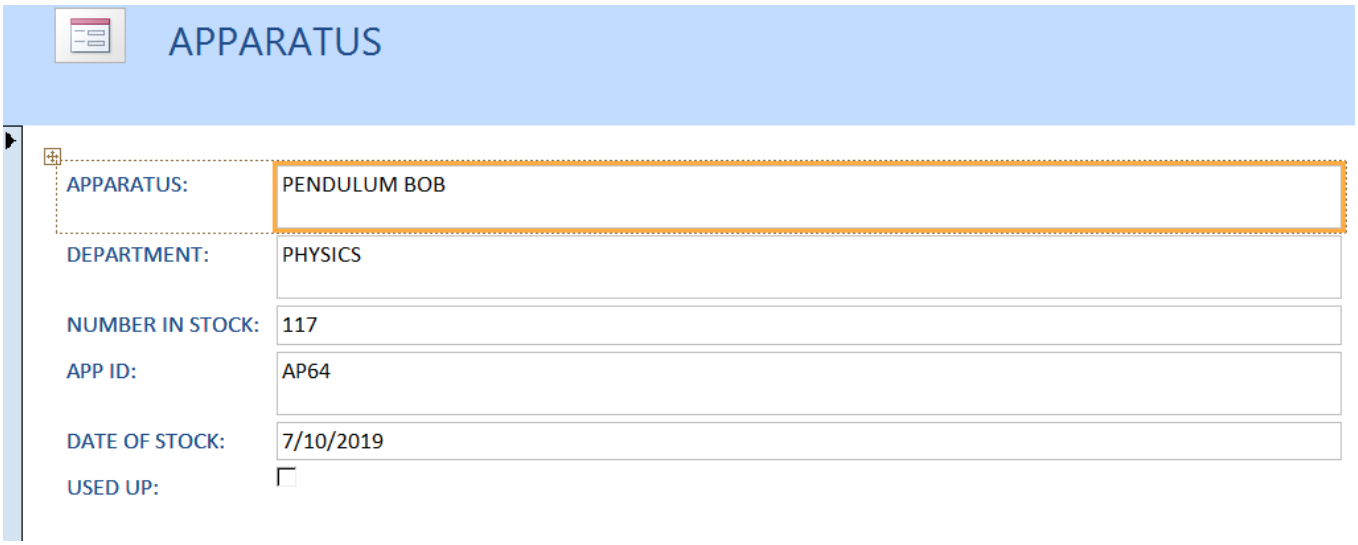


ENTRY TWO: (Submitted by Chemistry Department)

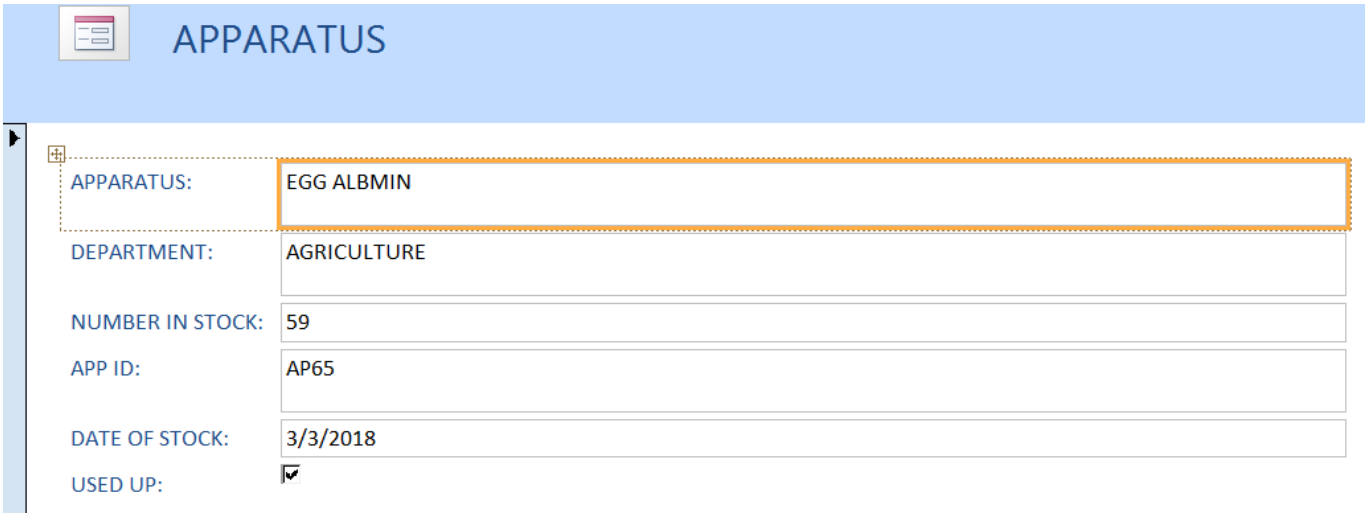


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ENTRY THREE: (Submitted by Physics Department)



ENTRY FOUR: (Submitted by Agriculture Department)



LAST ENTRY: (Submitted by Foods & Nutrition Department)



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(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 asuitable 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 us **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*)

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

(ix) Simple Banner reading "BONI'S INTERNET CAFE" to be included on the homepage. (*05 marks*)

(x) Provide a running marquee holding the motto "Come one come all". (*04 marks*)

(xi) In the shared boarders, include Home, Activities, Photo gallery. (*04 marks*)

(xii) Provide active link between the three pages of the site. Buttons for next and back need to be included. (*07 marks*)

(xiii) Include an e-mail tool that enables sending FAQ and inquiry to the webmaster 'obina@admin.cc'. (*05 marks*)

(xiv) Apply an interesting background to the three pages and save as 'Cafe'. . (*03 marks*)

(xv) Print your work (*02 mark*

……END……..

I WISH YOU SUCCESS

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