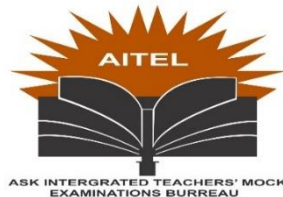


840/2
COMPUTER STUDIES
(Practical)
Paper 2
July/Aug. 2022
2 ½ hours



AITEL JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

COMPUTER STUDIES

(PRACTICAL)

Paper 2

2 hours 30 minutes

INSTRUCTIONS TO CANDIDATES:

*The paper consists of **two** sections, **A** and **B***

*Section **A** contains **one** compulsory question that takes 40 marks.*

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

*Any additional question(s) answered will **not** be marked*

*Each candidate is provided with a **blank compact -disc rewritable**.*

Candidates should continuously save their work

*Each candidate **must** produce a **hard copy** for each of their work to accompany the compact disc.*

Software wizards must not be used.

Create a folder on the desktop with all your names and save your work there

SECTION A (40 MARKS)

This section is compulsory

1. (a) Type the following statements. (02 marks)

Dear brother/sister

Ramathan for body and soul

This article provides useful advice on how to avoid some common problems encountered in Ramathan. If followed, it would enable one to fast comfortably and enjoy the spiritual benefits of Ramathan. Come Ramathan our diet is radically altered.

Our meals get condensed in morning and evenings with no intake in between for an extended period of time. For some of us, the intake of oily food skyrockets. These changes in diet are not well received by everyone.

Yours in Allah

Shake Hubei

Required:

- (i) Change the case of title to **UPPER CASE** and **bold it** and change the font of all the text size 12. (02 marks)
- (ii) Instead of word sister/brother put both your names. (01 mark)
- (iii) Apply a header as your company name. (Use word art where necessary). (02 marks)
- (iv) Justify the two paragraphs. (01 mark)
- (v) Copy your two paragraphs to page two, duplicate them to form eight paragraphs. (02 marks)
- (vi) Put your eight paragraphs into three columns with a line between them. (03 marks)
- (vii) Insert today's date and time in the left footer section and update it automatically and an Auto text **Page X of Y** to the right. (02 marks)
- (viii) Apply a three lines 3point page border around your document (01 mark)
- (ix) Apply a footnote as **Ramathan tips**. (03 marks)
- xii) Number your Pages in Lowercase Alphabet. (01 mark)
- (x) Save your work as your name and print a copy of your work. (01 mark)

(b) The information below is driven from MUFTI Limited from some few selected staff. The staff include JACKIE, KENT, PAULINE, UNICE, XAVIER, LEONALD, SONNY, CHRISTINE, PHILIPER and INNOCENT. They earn the following amount as basic salary respectively: 660000, 760000, 870000, 580000, 600000, 610000, 630000, 640000, 650000 and 555000.

(i) Enter the above information using Microsoft Excel with columns Employees Name, Basic Salary, Lunch Allowances, Housing Allowances, Transport Allowances, Gross Pay, PAYE and Net Pay (Two words should be wrapped)

(03 marks)

(ii) Lunch allowances for all employees is 22% of their basic pay. (01 marks)

(iii) Housing allowances are 62% of lunch allowances. (01 mark)

(iv) All employees are paid transport allowances of 59,000 (01 mark)

(v) Compute the employees' gross pay. (01 mark)

(vi) PAYE is 4.5% of basic salary (01 mark)

(vii) Compute the employees' net pay. (01 mark)

(viii) Plot a line graph of Employees names against Net Pay and save it as **My Graph**.

(03 marks)

(ix) Use the **COUNTIF** function to get how many employees earn 600000 and above of their Basic Salary (02 marks)

(x) Insert a thick boarder outside your work with grids inside. (01 mark)

(xi) Insert your full names and registration number to the left and right header section of the worksheet. (01 mark)

(xii) Print your worksheet in landscape orientation and graph. (01 mark)

(xiii) Save your work as **Original Work** in a folder on the desktop. (01 mark)

(xiv) Use the auto filter function to get employees who earn less than 600000 and save it as **Less than 600000** in your folder and print it out. (02 marks)

SECTION B (60 MARKS)

Attempt any **two** questions from this section

2. The table below gives information on some students in a certain Secondary School about their Registration numbers, names, class, age, sex and names of houses where they reside.

Load a database program of your choice and name it **REGISTRATION EXERCISE** in a folder bearing your names on the Desktop. (01 Mark)

Table 1: Register

REG. No.	NAMES	CLASS	AGE	SEX	HOUSE
001	Lule S	S.2	15	M	Bikunya
002	Kizza V	S.2	14	M	Lumumba
003	Omeda A	S.4	16	F	Red
004	Sempebwa S	S.3	16	M	Winyi
005	Kibuuka D	S.2	13	M	Bikunya
006	Amita J	S.1	12	F	Blue
007	Onen L	S.3	17	M	Keneddy
008	Semuli M	S.5	17	F	Yellow
009	Sendi J	S.1	11	M	Black
010	Kasanya D	S.4	15	M	Bikunya

Table 2: Details

REG.NO.	DATE OF BIRTH	CITY	VILLAGE	ADDRESS
001	4-june-1996	Masindi	Pakanyi	123 Toungue street
002	6-feb-1994	Kampala	Nateete	45 Kampala
003	24-april-1996	Hoima	Bujumbura	345 Kikuubo lane
004	16-may-1996	Kampala	Wandegaya	20 Kampala
005	30-aug-1998	Mbarara	Rwampala	23 Kabale Rd
006	06-mar-1996	Kabale	Bubaale	001 Kisoro Rd
007	20-sept-1994	Rukungiri	Nyakinoni	48 Kebissoni
008	14-july-1996	Kampala	Mulago	90 Kampala
009	28-feb-1992	Nakasongola	Mijeera	78 Nakasongola
010	5-oct-1996	Luwero	Buwama	54 Luweero

You are required to:

- (i) Create a table called Register with fields; reg no. names, class, age, sex, house having appropriate data types. Note (for sex use the look up wizard).
(04 marks)
- (ii) Create another table called Details with fields; Reg no., date of birth, city, village, address.
(04 marks)
- (iii) Create a **One to One** Relationship between Register and Details (01 mark)
- (iv) Create a query for Bikunya and Winyi. Save it as **Hardliners** with fields Reg No, Names, Class, Age, Sex, House, Date of Birth and Address. (02 marks)
- (v) Create a query from Register Table to return all Houses Excluding Bikunya. Save it as **Exclusion Query**.
(02 marks)
- (vi) Create another query with fields; Reg No, Names, Date of Birth, Sex and House that will display all Females born in 1996. Save it as **1996 Females**.
(02 marks)
- (vii) Create a parameter Query based on House that will display student information when the User types in a House. Name it **Parameter Query**
(02 marks)
- (viii) Use your Query above to create a form and save it as **Form Two**.
(02 marks)
- (ix) Use the Form above to find out how old each of the students is!
(02 marks)
- (x) Provide a formatted header **REGISTRATION FORM** (color-Blue; size 24; font- Comic Sans Ms and Bold it. (02 marks)
- (xi) Add two command buttons of your choice and lock your Form. (01 mark)
- (xii) Interrogate your table and get out those members born between February 1996 and September 1996. Save it as **Young** (02 marks)
- (xiii) Create a report using Table1 (**Register Table**) save it as **My Report**.
(02 marks)

- (xiv) Insert a footer of Your Name and Personal Number in Your Report.(01 mark)
3. There will be “**Orange Uganda Expo**” at UMA Show grounds between the 15th and 18th November, 2015. As the Public relations at ORANGE, the CEO has asked you to organize a team and suitable material which you will use to market your **PRODUCT** at this Exhibition. Using presentation software of your; design a 4-Slide presentation which you will continuously run as you explain to guests who will visit your stall during the exhibition.

Presentation Guidelines:

Slide 1

- Use a **Blank** slide layout (01 mark)
- A **Title slide** outlining the basic information about **Orange Uganda**.
- Use some or all of this information. (02 marks)

Orange Uganda is one of the best mobile phone operator in Uganda. At orange you get the best deals. Like we say “Technology Changes with Orange”.

Our contact:

P. O. Box 411, KAMPALA:

E-mail: nabanacollege@rocketmail.com

Any other additional but relevant information and slide designs will earn you marks. (03 marks)

Slide II

Use an Organizational Chart slide layout (01 mark)

Use an appropriate Slide Title (01 mark)

Organize the information below in the most appropriate way on this slide. (04 marks)

Highest in hierarchy **FOUNDER DIRECTOR** [Mrs. Nasimolo Grace], followed by the **CEO** [Mrs. Kigongo Keith], followed by the **EXECUTIVE MANAGER** [Ms. Mutibwa Faith]

The **OPERATIONS MANAGER** [Mr. Opio Rosco], the **HUMAN RESOURCE** [Mr. Wangolobe Norbert] and the **PUBLIC RELATIONS** [Ms. Tumwine Edith] all report directly to the **EXECUTIVE DIRECTOR**.

The **ACCOUNTANTS** who report to the **EXECUTIVE MANAGER**, **EMPLOYEES** and **SUPPORT STAFF** will report directly to the **HUMAN RESOURCE**.

Slide III

Use a **Title** and **Chart** slide layout

(01 mark)

The title of this slide will be **Orange Expo 2015**

In the table on the slide, organize the following products that will be on sale.

(02 marks)

Laptops	Acer Toshiber Satellite Hp Notebooks Del Inspiration
Mobile phones	Samsung GALAXY XPERA Sense NOKIA ASHA IPHONE 4
Tablet Offers	SAMSUNG GALAXY Tab 7.7” APPLE IPAD 4

Slide IV

Use a **Title** and **Chart** slide layout

(01 mark)

The title of this slide will be **The Company Growth 2013-2015**.

The table below shows subscriber figures between 2013 and 2015. Use it to generate the chart that will appear on this slide.

(03 marks)

Service	2013	2014	2015
SMS	20	33	52
Calls	10	15	75
Internet	18	24	60
MMS	5	10	11
Coverage	5	15	36

Formatting Guidelines:

Insert relevant clip art images appropriately.

(01 mark)

Your slide must run automatically after 00:02 Seconds.

(01 mark)

Insert a **footer** of your Name slide and Index No. on each of the slides.

(01 mark)

Apply a slow transition, box out, automatically after 02 sec and Neutron as the animation scheme.

(02 marks)

Apply a glass layer as the slide design

(02 marks)

Link all slides to one another using action buttons

(02 marks)

Print all your 4 slides on one page.

(02 marks)

4. Using any web publishing software, publish a website for your district with the following pages.

All Pages should have Similar Navigational Links and Background of green.

All Pages should have a Marquee as **Welcome to Our Home District**, Font Size 20, and Bookman Old style (03 marks)

➤ **Home page** (03 marks)

Should have a brief introduction of about three lines

➤ **District administration page** (03 marks)

Bring out leaders at different levels

➤ **Education page giving schools in the district** (03 marks)

Include a table of about six rows and 2 columns indicating schools and their location if possible indicate whether primary or secondary

➤ **Economic activities page for economic activities** (03 marks)

Like farming, fishing, manufacturing, trade, etc.

➤ **Social activities page** (03 marks)

To cater for leisure activities, family life in the district, religion etc

➤ **District problems page** (03 marks)

To cater for things like deforestation, food shortage, pests, diseases etc

NOTE:

You are expected to include the following on all your pages:

- (i) Relevant graphics (03 marks)
- (ii) Attractive layout and creativity (01 mark)
- (iii) Include your name as the designer in the right bottom footer. (02 marks)
- (iv) Save your website as **District Website** in Your Folder (01 mark)
- (v) Print all pages (02 marks)

END

