

840/2
COMPUTER STUDIES
PRACTICAL
Paper 2
July/August 2017
2¹/₄ hours



WAKISSHA JOINT MOCK EXAMINATIONS

Uganda Certificate of Education

COMPUTER STUDIES PRACTICAL

Paper 2

2 hours 15 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 blank compact disk (rewritable). NOT FLASH DISK.

- *Each candidate must produce **hard copy** for each of his/her work to accompany the compact disk.*
- *Software wizards **must not** be used.*

SECTION A (40marks)

This section is compulsory

- a) Mr. Kamwanda is the head of ICT in Muduuma college school. He is organizing a computer studies students' seminar at his school. He intends to send letters through computer studies teachers requesting Head teachers to release their students to attend this seminar in September 20XY.

Below is a copy of the letter to be sent to schools. And below is a table showing the details of different schools.

MUDUUMA COLLEGE SCHOOL

P.O. BOX 1234567, KIDOMOOLE

16-Aug-20XY

TO: <Head teacher's Name>
The Head teacher
<School's Name>
<School Address>

THRU:<Computer studies Teacher's Name>
Computer Department
<School's Name>

Dear<TITLE>

RE: COMPUTER SEMINAR SCHEDULED TO TAKE PLACE ON 15 SEPT 20XY

The school through its computer studies department has organized a seminar at the school on the day indicated above. The seminar will be for students.

The seminar is aimed at enabling our students understand current global concerns in relation to computer studies and at the same time equipping them with skills and knowledge for enabling them sit for the fourth coming National Examinations in November this year.

The participation fee per student from your school is <charges>only. In addition the students must come with their own refreshments or they may individually order for food from our school canteen at <Lunch>.

We shall be very grateful for your usual positive response.

Yours faithfully,

Kamwada
HEAD COMPUTER DEPARTMENT.

The Table below shows Details required from different schools

Head Teacher's name	Title	School	School Address	Computer studies Teacher's Name.	Charges	Lunch
Mr. Kidende Kapa	Sir	Mavundu SS	P. O. Box 10, Mavundu.	Ms.Mukulu Julie	3,000	5,000
Ms. Kasiru Jovial	Madam	Twakoowa SS	P. O. Box 1010, Twakoowa	Mr. Mwana David	3,500	5,000
Mrs. Kapa Zebra	Madam	Nabbutto College	P. O. Box 123, Kawere.	Mr. Obina Tom	4,000	5,000
Dr. Kasaala Pin	Sir	Serious SS	P. O. Box 9090, Lwamugolodde	Mrs. Nina Booked.	4,500	5,000

Required:

- Type the letter and save it as **Computer studies seminar**. (02 marks)
- Indent the body of the letter left and right by **0.5"**. (02 marks)
- Apply single spacing on each paragraph. (02 marks)
- Put a spacing of **3pt before and after** each paragraph. (02 marks)
- Apply heading 1 style to the subject for the letter with font size of 15.5 and dashed underline. (02 marks)
- Insert a printed watermark of both of your names and save the changes. (02 marks)
- Create the table above and save it as **ICT-Schools**. (03 marks)
- Use the suitable word processing feature to merge the table to the letter in order to generate individual letters to various schools. (03 marks)
- Save the resulting file in your folder as **School-ICT-Letters**. And produce a print out. (02 marks)

- b) Prepare the following spreadsheet exactly as it is seen below. Put in consideration the following: (05 marks)

- ✓ Gross pay = Hours Worked by the Hourly wage,
 - ✓ Taxes = 35% of the Gross pay.
 - ✓ Net pay column using a formula that subtracts the Taxes from Gross pay.
- Calculate totals for the last three columns. (03 marks)
 - Format the Hours column to 1 decimal place and all other numbers to Accounting Number Format (money). (02 marks)
 - Sort the data by the employee's name, A to Z. (01 mark)
 - Format the table with a border, shading and a graphic of your choice. (02 marks)
 - Create a well labeled pie chart of net pay for all the employees. (03 marks)
 - Add your name in a footer, and the date and time in a header. (02 marks)
 - Rename the worksheet my wok. (01 mark)
 - Save your work as payroll and produce a print out. (01 mark)

Turn Over

MARKHOODxxx UG LIMITED					
Name	Hours	Hourly Wage	Gross	Taxes	Net
Agut	40.5	15.75			
Vidal	39.5	35.5			
Isaac	27.75	29.85			
Kipolopolo	38	32			
Hakim	29	31			
Magufuli	15	18.54			
Kipayopayo	14.75	15.75			
		Totals:			

SECTION B: (60 MARKS)

Answer any **two** questions from this section.

2. The table below was extracted from the database of Watisa Ltd, a firm that deals in importation and distribution of electrical appliances.

ID NO	First name	Last name	Gender	Date of birth	Residence	Basic pay	Tax
R01	Jabber	Debo	Male	01/05/1990	Matugga	880,000	
	Desire	Kisubi	Female	05/02/1995	Nansana	660,000	
	Ann	Vava	Female	17/09/1994	Wakiso	670,000	
	Faruok	Sekanjako	Male	20/06/1997	Gayaza	750,000	
	Alex	Njako	Male	13/04/2000	Kasangati	940,000	
	Thereza	Bamulanze	Female	12/04/2002	Kawanda	780,000	
	Tania	Mujjuzi	Female	20/12/1999	Gombe	790,000	
	Rona	Maseruka	Male	15/10/1996	Kyengera	820,000	
	Joyce	Opio	Female	16/07/1997	Namugongo	890,000	
	Ronald	Twino	Male	03/07/1997	Buddo	450,000	
	Theo	Ariho	Female	08/07/2001	Wakiso	560,000	
	Rashid	Dembe	Male	07/11/1985	Maya	888,000	

You are required to:

- Create a database file called Watisa Ltd. (02 marks)
- Create a table structure for the table above assigning it with appropriate data-types and primary key. Use auto number for **ID NO** as its data type and name it Wati table. (03 marks)
- Create a form called data and use it to calculate the tax column for all employees given that tax is calculated at **18%** of basic salary.
Insert your name in the footer section. (03 marks)
- Create a query that can return all those employees whose last names begin with letter "M".
Name it M-Query and produce a print out. (03 marks)
- Generate a database object that can be used to return details of all those employees whose age is above 16 years. Name it above 16. (03 marks)
- Create a report for only female employees with an appropriate title and a footer of your name. (03 marks)
- Let your gross pay figures be displayed with a "SHS" currency symbol. (03 marks)

3. You are on the Sports Committee of your school; you have been tasked to prepare a presentation about the **importance of sports** in the school.

a) Create a five slide presentation as follows: (08 marks)

Title I: Should have a suitable title for the presentation, your name and role on the Sports Committee. Insert appropriate graphics in form of clip art.

Slide II: Show how students **benefit** from participating in sports.

Slide III: A bulleted list of five sports **activities** you know.

Slide IV: Previous Inter-House Competition Results in form of a Column chart displaying the number of points that each of the three houses (Africa, America and Asia) in the school got, in three major sports mentioned above.

Slide V: Should have a conclusion for your presentation.

Your conclusion can include a form of advice on how school heads can handle sports in their schools.

b) Set the following Master Slide-Styles: (04 marks)

Titles: Dark red, centered, bold, shadow.

Text styles: Dark blue, Arial.

c) Apply a suitable slide background, animations and transitions. (04 marks)

d) Include your name and index number in the header section of the handouts, print preview. (02 marks)

e) Print a handout of all slides scaled to one page. (01 mark)

f) Save your work as "**Sports**" (01 mark)

4. As a webmaster, you are required to design a website for KEZEEKIA POULTRY FARM with the following page:

a) **Index page:-**

(i) Should have the title: **KEZEEKIA POULTRY FARM ONLINE**. (05 marks)

(ii) A good navigation structure with hyperlinks to all the other pages on the website.

(iii) A brief welcome message and information about the farm of **not less than 20** words.

(iv) A hit counter.

b) **Products page:-** (04 marks)

(i) Should have the title: **PRODUCTS OF KEZEEKIA POULTRY FARM**

(ii) A table showing products such as Eggs, 1-day old chicks, layers, Broilers, Turkeys, Ducks, Chicken Feed, etc., with their corresponding prices.

Turn Over

- (iii) A few related photos (from the clip art section or otherwise) with their corresponding captions. (03 marks)

c) **Contact page:-**

- (i) Should have the title: **CONTACTS OF KEZEEKIA POULTRY FARM**

- (ii) Physical Address: Plot 14, Ssezibwa Avenue, Mukono.
Postal Address: P.O. Box 100017, Mukono
Telephone: +256414988988, (Office) +256774988988 (Mobile)

- (iii) Email (with active mailto hyperlink): info@kezeekia.com
Website: www.kezeekia.com.

d) **Also required:**

- (i) A top shared boarder with a logo and the motto:
"The source of superior poultry products" (03 marks)
- (ii) Apply a suitable uniform theme thought the website. (02 marks)
- (iii) Add your index Number and Name as footer of each of the webpages and print each of the three pages. (02 marks)
- (iv) Save your Web Directory as **KPM**. (01 marks)

END