THE UNITED REPUBLIC OF TANZANIA
NATIONAL EXAMINATIONS COUNCIL
CERTIFICATE OF SECONDARY EDUCATION EXAMINATION

036/2 **INFORMATION AND COMPUTER STUDIES 2**
(PRACTICAL)
(For School Candidates Only)

Time: 3 Hours **Thursday, 17th November 2016 a.m.**

Instructions

1. This paper consists of **three (3)** questions.
2. Answer any **two (2)** questions.
3. Each question carries **twenty five (25)** marks.
4. Save your work on the desktop in the folder named by your examination number. **You are not allowed** to save your work by using your name or school name.
5. Save your work by using the 1997-2003 version of the MS Office software you are using.
6. Submit printed **hardcopy** together with the **softcopy** of your work(s).
7. Check whether the **printed** work(s) are similar to the **softcopy** saved in the folder.
8. Cellular phones are **not** allowed in the examination room.
9. Type your **Examination Number** on every page of your softcopy work(s).

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1. (a) Using the Microsoft excel of your choice; create a worksheet in a landscape format using the information in the table below; bold, wrap, align all headings on top and save it as Kigogo hotel.

1	Kigogo Hotel			
2				
3	S/N	Employee Name	Worked hours	Rate per hour
4	1	Bahati	59	22000
5	2	Helen	66	11000
6	3	Luka	95	33000
7	4	Eunice	78	45000
8	5	Wale	55	25000
9	6	Rachel	98	32900
10	7	Sos	123	22200
11	8	Ham	100	16100
12	9	Masy	88	10000

(b) Insert columns for Gross Salary, PAYE, Aids Levy, Housing allowance, Transport allowance and Net salary.

(c) Using the appropriate formula for each column inserted above, calculate:
(i) The Gross salary
(ii) PAYE
(iii) Aids levy
(iv) Housing allowance
(v) Transport allowance and
(vi) Net salary

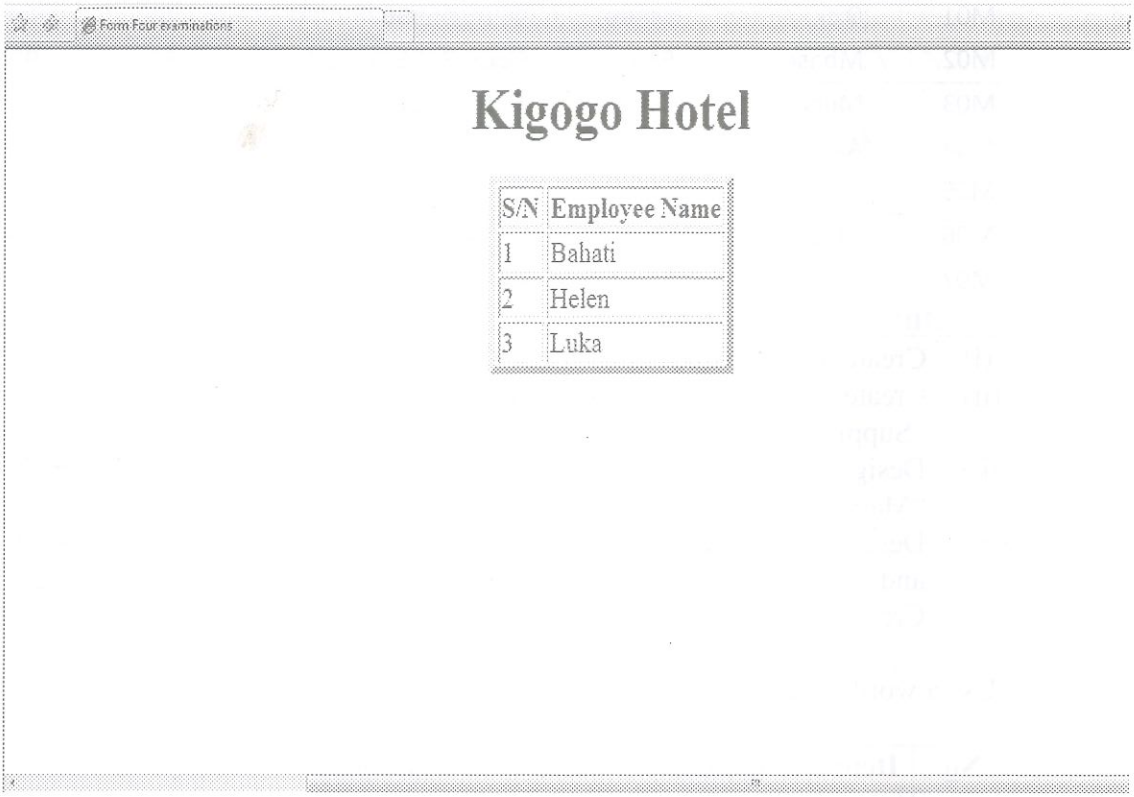
Given that:
- PAYE is 16% of Gross salary
- Aids levy is 3% of Gross salary
- Housing allowance is 15% of Gross salary
- Transport allowance is 10% of Gross salary

(d) Insert a Bubble chart of Employees' names against Housing allowance. Save it as "Housing allowance".

(e) Using the basic HTML codes, create a webpage as shown in the snapshot below.

Description of the webpage

- The heading level should be one.
- Table border should be four.



(f) Print your work(s).

2. Malaria is one of the major killer diseases in Africa. As an informed person, you are required to design a slide show on Malaria as one of the outbreak diseases. You are required to create five (5) content slides with the following description:

(a) Slide one should elaborate on the causes and spread of Malaria.
(b) Slide two should focus on any two symptoms of Malaria.
(c) Slide three should include treatment of Malaria.
(d) Slide four should include prevention of Malaria.
(e) In slide five insert title for the presentation, with link to all the above four slides. Use back, next and home action buttons to link one slide to another.
(f) Print the titled slide, slide one, slide three and four together as a handout scaled to A_4 paper size.
(g) Save your presentation in slide show format as Malaria slide show.

General guidelines:

- Insert your examination number as a footer for all slides.
- All slides should have the same design view.

3. (a) The table below shows food items purchased at Mapanda secondary school. Create a database called "Mapanda" to manage Mapanda foods supply.

Supplier ID	Supplier Name	Food item	Contacts	Quantity in stock	Unit price(shs)
M01	Dick	Maize	0765-453667	70	900000
M02	Mbase	Beans	0666-345621	30	190000
M03	Mula	Oil	0555-111111	20	200000
M04	Ali	Soya	0444-222222	10	100000
M05	Jesca	Rice	0677-121212	30	500000
M06	Muba	Groundnuts	0784-000000	17	300000
M07	Ponda	Fruits	0678-383838	300	120000

(i) Create the table above and name it "food supply" and enter data.
(ii) Create a form showing ID, supplier name, quantity in stock, unit price and name it "Supplier form".
(iii) Design a query to filter suppliers whose contact begins with "067". Save it as "Mapanda-1".
(iv) Design another query to extract food items whose unit price is above shs 200000 and the quantity in stock is greater than 20. Save it as "Mapanda-2".
(v) Create a food supply report. Save it as "food report."

(b) Use a word processor of your choice to type the table below:

No	Item	Quantity	Price	Amount
1	Bulb	20 Bunches	20000	400000
2	Rice	30 kg	1000	30000
3	Meat	15 kg	2000	30000
4	Soda	5 kg	40000	200000
5	Mineral water	6 Boxes	4000	24000
Total Amount Required				

Guidelines:
(i) The font type must be verdana and font size 16.
(ii) Add footer with the words "drafted by your examination number".

(c) Save as club budget and print your work in part (a) and (b) above.