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

036/2 **INFORMATION AND COMPUTER STUDIES 2**
(ACTUAL PRACTICAL)
(For Both School and Private Candidates)

Duration: 3 Hours **Year: 2025**

Instructions

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

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1. Mr. Majao manages his Shoes Shop records using Microsoft Access database. The database stores customer records including contacts and purchases. He uses the database as the marketing strategy for facilitating him in awarding his royal customers. The customer awarded a free pair of shoes if he buys 10 pairs. Study carefully the following tables which are included in the database and answer the questions that follow:

Customers

CustID	FirstName	Surname	Phone#
1	Jona	Muliye	0713345610
2	Mary	Kolida	0674234012
3	Kilo	Kilosa	0782919293
4	Juju	Moses	0761839099
5	Marcelina	Mosi	0651828280
6	Moneylisa	Pesa	0621345334
7	Joy	Majiji	0765080911

Purchases

PurchaseID	CustID	DatePurchase	Shoe_Category	Num_Shoes	Amount
1	1	3/8/2023	ladies	1	35,000.00
2	1	4/6/2023	ladies	3	30,000.00
3	1	5/5/2023	kids	4	60,000.00
4	1	4/7/2023	Men	2	48,000.00
5	2	8/2/2023	ladies	2	30,000.00
6	2	5/23/2023	kids	1	15,000.00
7	3	6/23/2023	men	1	39,000.00
8	3	6/18/2023	kids	2	28,000.00
9	4	3/26/2023	men	2	56,000.00
10	5	4/6/2023	kids	3	33,000.00
11	5	5/20/2023	ladies	2	40,000.00
12	6	4/23/2016	men	1	35,000.00
13	7	5/23/2023	ladies	1	18,000.00
14	7	5/27/2023	ladies, men	4	98,000.00
15	7	6/20/2023	kids, ladies, men	3	85,000.00
16	7	6/28/2023	kids	2	30,000.00

(a) Create the database for Mr. Majao Shoes Shop and save it as "MajaoShoesDB".

(b) Create the given Customers and Purchases tables within MajaoShoesDB.

(c) Use Form Wizard to create a form that enables Mr. Majao to enter customers and purchases data using one form. Use the form created to enter the sample data provided. Save the form as "CustomersPurchasesform".

(d) Use Customers and Purchases tables to create a one-to-many relationship between the two tables.

(e) Add mathematical formula to the form created in 1 (c) that enables Majao to view the total amount of money that each customer spent and the number of pairs bought.

(f) Create a query that enables to check customers' purchase details. The details include customer ID, first name, surname, Phone number, date purchased, pairs of shoes and amount paid for each day. Save the query as "customerspurchases".

(g) Create a query which enables to view customer's first name, surname, dates and shoes category for customers who bought ladies or kids shoes. Save the query as "bought ladies or kids shoes".

(h) Create a parameter query that enables to search for any customer using customer's surname and display his purchase records. Save the query as "search a customer by surname".

(i) Create a report that search and prints customers' purchase records by their surnames. Save the report as "Report of Customers by surname".

(j) Create a report that will enable Majao to print records of all customers who bought men shoes. Save the report as "Men shoes only report".

(25 marks)

2. Umoja Technical College offers different technical courses in its campuses allocated at different areas in Tanzania. To make teachers and students aware of all monthly-scheduled events, the principal of the college asked you to prepare online calendar to the college website.

(a) Create the following Interface by using basic HTML codes.

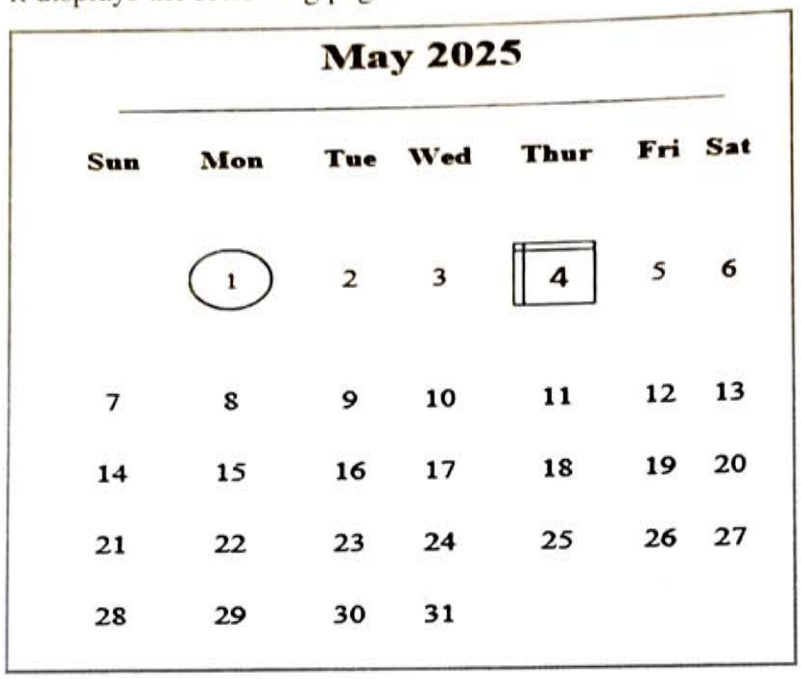
Hint: Use table with border 0, height 300 and width 300 to create the Interface and to arrange the monthly buttons.



Page descriptions

- The heading "UMOJA CALENDAR" should be colored in red with the font type "Gabriola" and text size 20.
- The size of the horizontal line should be 300.

(b) Activate the button "May" in the interface created in 2 (a) so that when the user clicks, it displays the following page.



HINT:

- Use Microsoft word to create the circle and rectangle shapes to the dates "1" and "4" respectively.
- Use the borderless table to arrange the dates.

Page descriptions

- The heading "May 2025" should be in level 2.
- The size of the horizontal line after the heading should be 300 and aligned at centre.
- The background and line colour of the circle shape should be orange, accent = 2, lighter = 80% and the line colour should be blue.
- The line colour of the rectangle shape in the 4th date should be blue.
- The height and width of the table required to arrange the dates should be 350 for each.

(c) Develop the HTML codes that activate the 1st date in the circle shape created in 2(b) such that the following page will be displayed when the user clicks it.

1st May 2025

Worker's day

Page descriptions

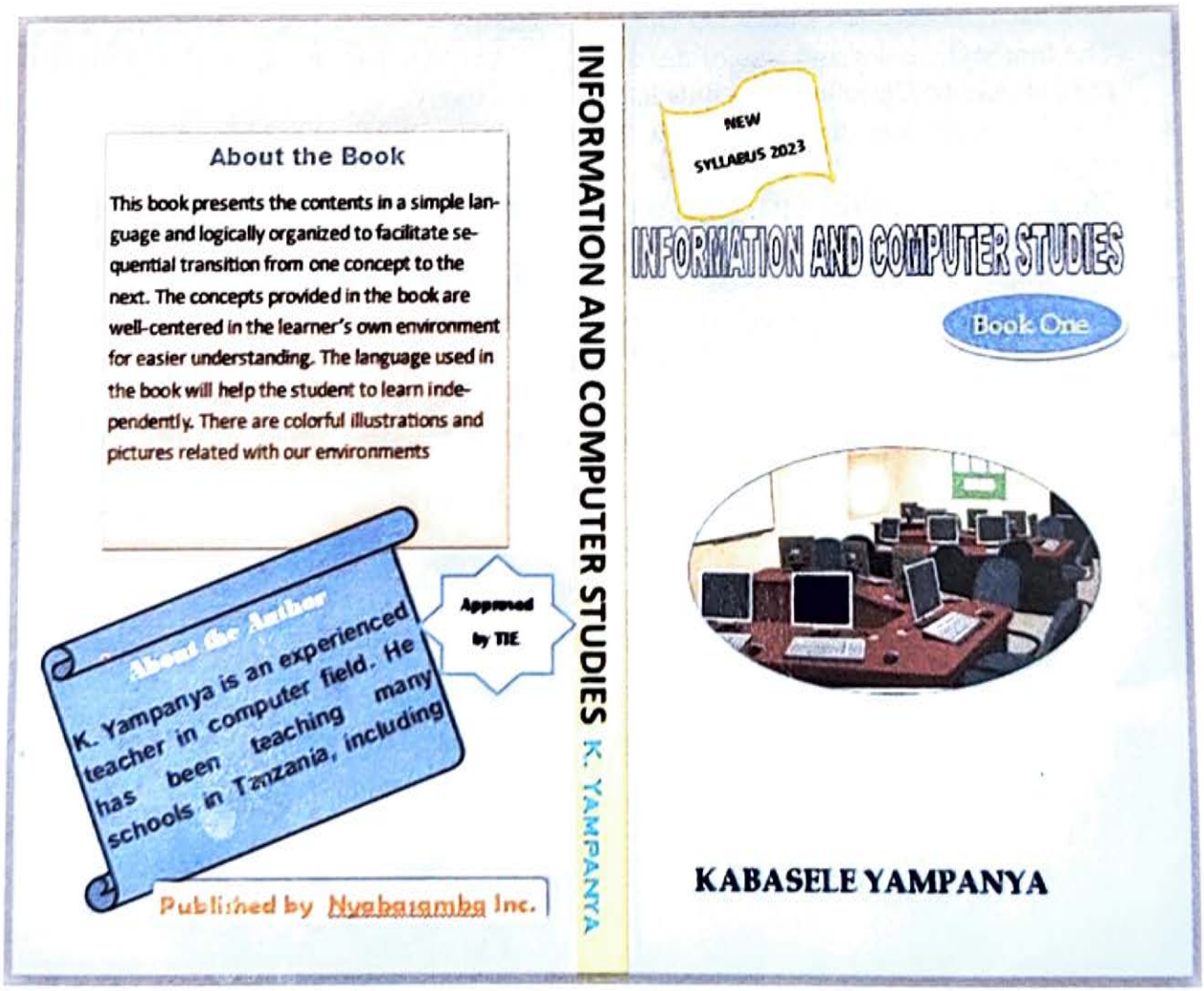
- The font type, colour and size of the text "Worker's day" should be "Lucida handwriting", "white" and 13 respectively and the background color should be green.

(d) Construct HTML codes that display the "current date" when the user hangs the mouse on the rectangle button labeled with number "4" in the interface created in 2 (b).

(25 marks)

3. Mr. Kabasele Yampanya prepared the Form One ICS book using a new syllabus. However, he lacks knowledge of preparing the book cover page. You are required to design the following cover page.

HINT: Use the Microsoft Publisher in accomplishing the task.



csee2025

Cover Page descriptions

- The background color of the whole page should be 30% tint of accent 1.
- The font style, color and size of the title "About the book" should be Castellar, light blue and 16 respectively.
- The font style and size of the book descriptions below the title "About the book" should be Calibri and 14 respectively with the background color: Accent 2, lighter 40%.
- The font style, color and size of the title "About the Author" should be Bodoni MT Black, white and 16 respectively.
- The font style and size of the author descriptions below the title "About the Author" should be Arial and 16 respectively.
- The background color of the vertical scroll shape on "About the Author" should be blue with black lines borders.
- The font style and size of the text "Approved by TIE" should be Britannic Bold and 12 respectively.
- The background color of the star shape on "Approved by TIE" should be Outline-white, Accent 1 with blue lines borders.
- The font style, color and size of the text "Published by Nyabasamba Inc." should be Berlin Sans FB Demi, Accent 2 (RGB) and 14 respectively.
- The font style and size of the text "INFORMATION AND COMPUTER STUDIES" at the middle of the cover page should be Bahnschrift SemiCondensed, 26 respectively with background color Linear Up Gradient – Accent 4.
- The font style, color and size of the text "K. YAMPANYA" at the middle of the cover page should be Castellar, light blue and 14 respectively.
- The font style and size of the text "New Syllabus 2023" should be Calibri and 12 respectively.
- The background color of the shape on the text "New Syllabus 2023" should be Outline-white, Accent 1 with gold lines borders.
- The font style and size of the text "Book One" should be Book Antiqua and 18 respectively with background color fill Accent 1.
- The style of the word "INFORMATION AND COMPUTER STUDIES" should be Word Art: Fill-Cream, Outline-blue.
- The font style and size of the texts "KABASELE YAMPANYA" should be Castellar and 20 size.

(25 marks)