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

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

Time: 3 Hours *Thursday, 20th October 2011 a.m*

Instructions

1. This paper consists of **three (3)** questions.
2. Answer **two (2)** questions only.
3. Show **all** the steps which you used to do your work in the booklet provided.
4. Submit written steps in the booklet together with the softcopy of your work.
5. Save your work on the desktop in the folder named by your examination number.
6. Save your work by using the 1997-2003 version of the MS Office software you are using.
7. Cellular phones are **not** allowed in the examination room.
8. Write your **Examination Number** on every page of your answer booklet (s).

1 Use HTML codes to generate a four row six column table with the headers "span 1-3" and "span 4-6". These headers should span columns 1 through 3 and 4 through 6, respectively. The content of the table should be as follows.

(i) The first row has two items called "one-three" and "four-six" which span columns 1 through 3 and columns 4 through 6 respectively.

(ii) The second row has the single item "one-six," and it spans all six columns.

(iii) The third row has three items: "one-two," "three-four," and "five-six" which span columns 1 and 2, 3 and 4, and 5 and 6, respectively.

(iv) The fourth row has six items, each of which is a place holder.

Save your work as **HTML codes** in the folder **your examination number** you created on the desktop. **(25 marks)**

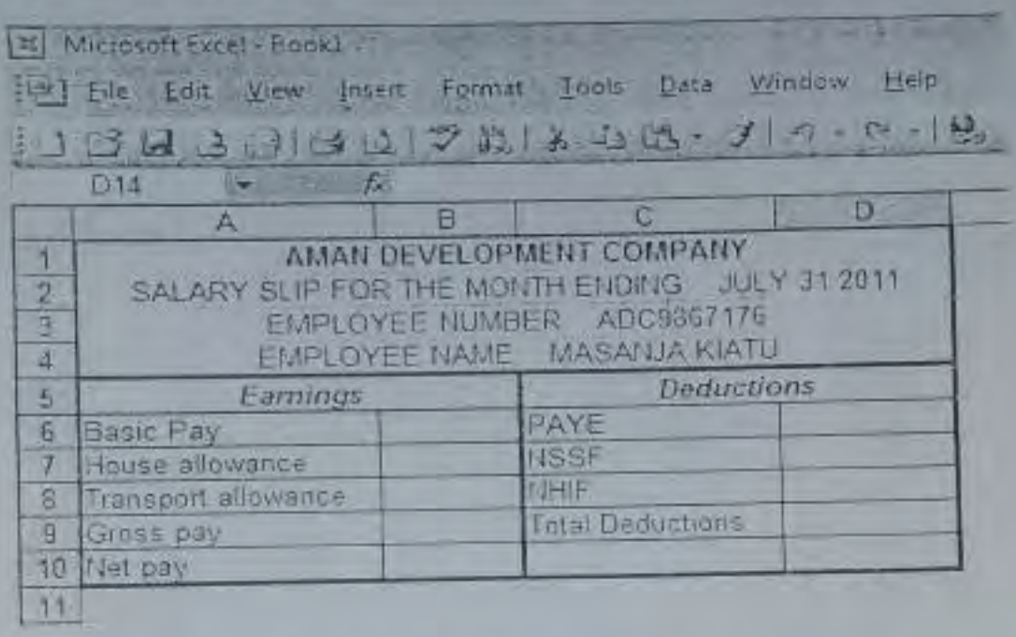
2 Mr. Marwa is a whole seller. He sells computer hardware and other accessories. Mr. Marwa wishes to develop an electronic database for his business. As an expert in Database management system, use the following details to develop a system for his business. Save your work as **Business Information System** in the folder named **"your examination number"** you created on the desktop.

Customer details
Customer No
Customer Name
Customer Address
Customer telephone number
Customer email

Orders
Order Number
Item Number
Item Name
Item Price
Date of Order
Date of Delivery
Status (Delivered/not delivered)

(a) Create two tables using Microsoft Access and name them as "Customer Details" and "Orders" respectively.
(b) Create relationship for the two tables so that the information of each customer is linked.
(c) Create a form for entering the above data.
(d) Create one query which will display customers whose orders exceed 10,000,000/=
(e) Create a report containing the following information:
    (i) Customer Name
    (ii) Customer address
    (iii) Date of order
    (iv) Item name and price
    (v) Date of delivery

Aman Development Company deals with fishing products. Use Microsoft Excel to develop a Payroll for the Company's employees containing the following information



	A	B	C	D
1	AMAN DEVELOPMENT COMPANY			
2	SALARY SLIP FOR THE MONTH ENDING JULY 31 2011			
3	EMPLOYEE NUMBER ADC9367176			
4	EMPLOYEE NAME MASANJA KIATU			
5	*Earnings*		*Deductions*	
6	Basic Pay		PAYE	
7	House allowance		NSSF	
8	Transport allowance		NHIF	
9	Gross pay		Total Deductions	
10	Net pay			
11				

Gross pay, Net Pay, PAYE, NSSF and NHIF are calculated fields. Use appropriate formulas so that the amount in these fields is automatically generated once basic pay and allowances are entered

Use the following information to develop formula for calculated fields:

(a) No PAYE deductions is charged if the employee gets a Salary of 100,000 = or less
(b) 10% is deducted from the salary as PAYE if the salary is between 100,000 to 250,000/=
(c) Employee with salaries ranging from 250,000 to 500,000/= gets a deduction of 20% as PAYE.
(d) 30% is deducted from Employees with salaries above 500,000 =
(e) NSSF is 10% of Employees salary
(f) NHIF is 2% of employee's salary
(g) Gross pay is the total earning of an employee
(h) Net pay is the difference between Gross pay and total deductions

Create a worksheet and save it as "salary slip" in the folder computer "**your examination number**" you created on the desktop