



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATION
2018/2019 ACADEMIC YEAR
SECOND YEAR FIRST SEMESTER
&
FIRST YEAR SECOND SEMESTER**

**SCHOOL OF ARTS AND SOCIAL SCIENCES
DIPLOMA OF ARTS IN SOCIAL WORK/
CRMINOLOGY AND PENOLOGY**

COURSE CODE: DAS 103/CRM 103

COURSE TITLE: QUANTITATIVE SKILLS II

DATE: 18TH APRIL, 2019

TIME: 0830 - 1030HRS

INSTRUCTIONS.

- 1. Question one is compulsory.**
- 2. Answer any other three questions.**

1. (a) Explain five purposes of a ledger account. **(5Marks)**
(b) Briefly discuss 5 types of ledger. **(5Marks)**

(c) Given that the account of Sammy Traders showed the following balances as at 31st Dec 2018

PARTICULARS	sh
Land and building	150,000
Motor cars	120,000
Debtors	15,000
Cash	30,000
Creditors	4,000
Capital	311,000

Enter the following transaction in their respective ledger accounts

- I. Bought stock of goods for cash sh 10000
- II. Paid a creditor by cash of sh 2500
- III. Sold goods for cash sh 5000
- IV. Received cheque from a debtor sh 12000
- V. Bought stock of goods by cheque sh 8000
- VI. A debtor paid in cash sh 3000

(15Marks)

2. Kakai deposited Sh 20,000 in a bank account that gives an interest rate of 10% P.A, he intends to withdraw the amount after two years.
- i. a) Calculate the amount he will withdraw after 2 years if the terms were under simple interest rate. **(3Marks)**
(b) If the amount were compounded semi-annually under the same rate, what would be the interest accrued after the two years under compound interest rate. **(5Marks)**

(ii). (a) If Elizabeth deposited her cash of Sh 200,000 that offered an interest rate of 6% compound interest, the amount accumulated to Sh 225,000 after a certain period, calculate the period it took to accumulate to such an amount. **(4Marks)**

(b) Kasongo invested Sh.40,000 in a bank account for 2 years and 6 months. If the interest accrued was Sh.8000, calculate the rate of interest per annum. **(3Marks)**

3. Mr. Ita receives a salary of Sh 20,000 monthly plus a commission of 10% of sales over Sh 600,000. Last month the sales amounted to Sh 850,000. How much did he earn? **(4Marks)**

ii) Judith bought a dress at Sh8,550 after being given a discount of a dress that costs Sh 9,550 calculate percentage discount that Judy was given. **(4Marks)**

iii) Define the following terms and give their formulas where applicable. **(7Marks)**

- a) Gross Domestic Product
- b) Gross National Product
- c) Balance Of Payment
- d) Balance Of Trade

4. Explain 3 sources of taxes in Kenya. **(5Marks)**

ii) explain five restraints of public expenditure. **(10Marks)**

5. Fill the missing gaps in the following table. **(4Marks)**

Assets	Liabilities	capital
12,500	1,800	
28,000	4,900	
16,800		12,500
	6,300	19,20

ii) Define the following terms used in a balance sheet.

(3Marks)

Asset

Liability

Capital

iii) Given the following, calculate capital using the book equation and

Prepare a balance sheet as at 31st Dec 2018.

(8marks)

Machinery 55,000

Premises 110,000

Stock 20,000

Debtors 25,0000

Creditors 15,000

Bank loan 120,000

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