



# MACHAKOS UNIVERSITY COLLEGE

(A Constituent College of Kenyatta University)  
University Examinations for 2015/2016 Academic Year

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF BUSINESS ENTREPRENEURSHIP AND MANAGEMENT  
SCIENCES

SECOND SEMESTER EXAMINATION FOR DIPLOMA IN ACCOUNTANCY

MACRO – ECONOMICS

Date:

Time:

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## INSTRUCTIONS

**Answer Question One and Any Other Two Questions**

*Answer question 1 and any other 2 questions*

*Time 2hrs*

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|----|----|--|------------|
| 1. | a) | List the different types of unemployment                   | (6 marks)  |
|    | b) | Give the characteristics of money                          | (6 marks)  |
|    | c) | Outline the source of government revenue                   | (6 marks)  |
|    | d) | Define inflation and deflation                             | (7 marks)  |
|    | e) | What are the factors of national income                    | (5 marks)  |
| 2. |    | State and explain the monetary tools of solving inflation. | (20 marks) |
| 3. |    | Explain the role of the central bank as a banker's bank    | (20 marks) |
| 4. |    | Outline the causes and remedies to unemployment in Kenya.  | (20 marks) |
| 5. |    | Give the main economic development indicators.             | (20 marks) |



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SCIENCES

..... SEMESTER EXAMINATION FOR CERTIFICATE IN PURCHASING AND  
SUPPLY CHAIN MANAGEMENT

ECONOMICS

Date:

Time:

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## INSTRUCTIONS

**Answer Question One and Any Other Two Questions**

1. a) Define the law of demand (3 marks)
- b) Write short notes on:
  - i. Scarcity
  - ii. The margin
  - iii. Opportunity (10 marks)
- c) List the factors of supply (5 marks)
- d) Outline the uses of national income statistics (5 marks)
- e) Explain the basic economic question (7 marks)
2. Explain the concept of the circular flow of income in a closed economy (20 marks)
3. How is equilibrium price of a commodity determined in a free enterprise economy?  
(20 marks)
4. Give the causes and remedies to unemployment in Kenya (20 marks)
5. Explain the difference between change in supply and change in quantity supplied.



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SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF BUSINESS ENTREPRENEURSHIP AND MANAGEMENT SCIENCES

..... SEMESTER EXAMINATION FOR CERTIFICATE IN BUSINESS  
MANAGEMENT

BUSINESS MATHEMATICS AND STATISTICS

Date:

Time:

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## INSTRUCTIONS

Answer Question One and Any Other Two Questions

1.
  - a) Explain the difference between arithmetic and algebra (4 marks)
  - b) Highlight the main methods of data collection (4 marks)
  - c) Write short notes on
    - i) Quota sampling (6 marks)
    - ii) Cluster sampling (6 marks)
  - d) Explain the difference between measures of central tendency and measures of dispersion. (10 marks)
2. For the data below calculates the mean and the standard deviation.

No. of sales	0 – 4	5 – 9	10 – 14	15 – 19	20 – 24	25 – 29	
No. of salesmen	1	10	23	21	15	6	(20 marks)
3. Solve the following equations:
  - a)  $4x + 3y = 1$   
 $6x + y = 6$
  - b)  $3x^2 - 7x + 2 = 0$  (20 marks)
4. Show the following regions graphs (separately)

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*Examination Irregularity is punishable by expulsion*

a)  $Y \geq 4$

b)  $1 < x < 3$

c)  $X + 2y < 0$  (20 marks)

5. Estimate the median for the following data, which represents the ages of a set of 130 representation who took part in a statistical survey

Age (yrs)	20 – 25	25 – 30	30 – 35	35 – 40	40 – 45	45 – 50	
No.	2	14	29	43	33	9	(20 marks)