



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS 2019/2020

4TH YEAR FIRST SEMESTER UNIVERSITY EXAMINATIONS

SCHOOL OF SCIENCE AND INFORMATION SCIENCES

FOR THE DEGREE OF BACHELOR OF SCIENCE IN INFORMATION SCIENCES

COURSECODE : INS 4106

**COURSE TITLE: LEADERSHIP AND MANAGEMENT IN
INFORMATION SCIENCES**

DATE:10TH DECEMBER,2019

TIME:1100-1300

INSTRUCTIONS TO CANDIDATES

- Question ONE in Section “A “ is Compulsory
- Answer any Two (2) Questions from Section “B”
- Use illustrations where necessary

SECTION "A": COMPULSORY QUESTION

Q1). Briefly define and discuss the following concepts:

- i.** History and theories of leadership **(5 marks)**
- ii.** The origins of Scientific Management **(5 marks)**
- iii.** The systems Approach to Management **(5 marks)**
- iv.** Major schools in the classical perspective on management **(5 marks)**
- v.** Fayol's principals of management **(5 marks)**
- vi.** McGregor's Theory "X" and Theory "Y" **(5 marks)**

SECTION "B" ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

Q2 a) With the aid of a diagram, discuss the three major levels of management in libraries and information centres. **(10 Marks)**

b) What are the main five (5) functions of management? **(10 Marks)**

Q3 a) Explain the tree (3) essential qualities for information professionals. **(10 Marks)**

b) Why is mentorship in change management important in any well established organization? **(10 Marks)**

Q4 a) With cybernetics, an organization can provide feedback as far as communication is concerned. Discuss. **(10 marks)**

b) Discuss some of the importance of Ethics in a well established organization. **(10 marks)**

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MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

**SCHOOL OF SCIENCE AND INFORMATION SCIENCES
FOR THE DEGREE OF BACHELOR OF SCIENCE IN
INFORMATION SCIENCES**

COURSECODE: INS 4107

COURSE TITLE : RESEARCH PROJECT-1

DATE: 16TH DECEMBER,2019

TIME:1100-1300HRS

INSTRUCTIONS TO CANDIDATES

- Question ONE in Section "A " is Compulsory
- Answer any Two (2) Questions from Section "B"
- Illustrate your answers where necessary

SECTION "A": COMPULSORY QUESTION

Q1). Briefly define in details the following concepts within the Research Methods

- i.** Problem statement in the Research Formulation Process **(5 marks)**
- ii.** The Purpose of the Study **(5 marks)**
- iii.** Aim and general objective and specific objectives of the study **(5 marks)**
- iv.** Research Questions/Hypotheses of the study **(5 marks)**
- v.** Scope/Delimitation of the study **(5 marks)**
- vi.** Literature Review **(5 marks)**

SECTION "B" ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

Q2

- a) How is Survey Method different from Applied Research Method? **(10 Marks)**
- b) How is Qualitative different from Quantitative Methods? Explain at what level they are applied in research. **(10 Marks)**

Q3 Explain why once DATA are collected they must be:

- a) Coded **(5 Marks)**
- b) Edited **(5 Marks)**
- c) Classified **(5 Marks)**
- d) Tabulated **(5 Marks)**

Q4 (i) Theories are always associated with Research Methods. Briefly discuss this paradigm shift **(10 marks)**

(ii) Distinguish Conceptual Framework from Theoretical Framework in Research Process. **(10 marks)**

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MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER

SCHOOL OF SCIENCE AND INFORMATION SCIENCES

FOR THE DEGREE OF BACHELOR OF

SCIENCE IN COMPUTER SCIENCE

COURSECODE : COM 3103

COURSE TITLE : RESEARCH METHODS

DATE: 6TH DECEMBER, 2019

TIME: 1100 - 1300 HRS

INSTRUCTIONS TO CANDIDATES

- Question ONE (1) in Section "A" is Compulsory
- Answer any Two (2) Questions from Section "B"
- Illustrate your answers where necessary

SECTION “A”: COMPULSORY QUESTION

Q1a). Briefly explain the following concepts as used in Research Methods

- i. Qualitative vs Quantitative Research Methods (5 marks)
- ii. Theoretical Framework (5 marks)
- iii. Conceptual framework (5 marks)
- iv. Concepts in Research (5 marks)
- v. Research Theories (5 marks)
- vi. Research process (5 marks)

SECTION “B” ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

Q2 a) Briefly discuss by explaining the role of a good Abstract in a Scientific Research, giving an example where necessary. (10 marks)

b) Explain in details how DATA are collected, processed and administered in Research Process. (10 marks)

Q3 (a) Carrying out Literature Review and its role in Research Process is very important. Discuss. (10 marks)

(b) Why are **Primary**, **Secondary** and **Tertiary** sources of Information essential while carrying out research process? (10 marks)

Q4 (a) Discuss how “Participatory type of Research methods” is different from other research methodologies. (10 marks)

b) Identify five (5) Research Methods and explain how they may be applied as insight means to an undiscovered truth. (10 marks)

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MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2019/2020 ACADEMIC YEAR

**3rd YEAR 1st SEMESTER UNIVERSITY
EXAMINATIONS**

**SCHOOL OF SCIENCE AND INFORMATION
SCIENCES**

**FOR THE DEGREE OF BACHELOR OF
SCIENCE IN INFORMATION SCIENCES**

COURSECODE : INS 3104

COURSE TITLE : RESEARCH METHODS

DATE:11TH DECEMBER,2019

TIME:0830-1030

INSTRUCTIONS TO CANDIDATES

- Question ONE (1) in Section "A " is Compulsory
- Answer any Two (2) Questions from Section "B"
- Illustrate your answers where necessary

SECTION “A”: COMPULSORY QUESTION

Q1a). Briefly explain the following concepts as used in Research Methods

- i. Qualitative vs Quantitative Research Methods (5 marks)
- ii. Theoretical Framework (5 marks)
- iii. Conceptual framework (5 marks)
- iv. Concepts in Research (5 marks)
- v. Research Theories (5 marks)
- vi. Research process (5 marks)

SECTION “B” ANSWER ANY TWO (2) QUESTIONS FROM THIS SECTION

Q2 a) Briefly discuss by explaining the role of a good Abstract in a Scientific Research, giving an example where necessary. (10 marks)

b) Explain in details how DATA are collected, processed and administered in Research Process. (10 marks)

Q3 (a) Carrying out Literature Review and its role in Research Process is very important. Discuss. (10 marks)

(b) Why are **Primary**, **Secondary** and **Tertiary** sources of Information essential while carrying out research process? (10 marks)

Q4 (a) Discuss how “Participatory type of Research methods” is different from other research methodologies. (10 marks)

b) Identify five (5) Research Methods and explain how they may be applied as insight means to an undiscovered truth. (10 marks)

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MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS FOR
2019/2020 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER UNIVERSITY
EXAMINATIONS**

**SCHOOL OF SCIENCE AND INFORMATION SCIENCES
FOR THE DEGREE OF BACHELOR OF SCIENCE IN
INFORMATION SCIENCES**

COURSECODE : INS 1104

**COURSE TITLE : INTRODUCTION TO INFORMATION
SCIENCES**

DATE:4TH DECEMBER,2019

TIME:0830-1030

INSTRUCTIONS TO CANDIDATES

- Question one section "A " is Compulsory
- Answer any Two (2) Questions from Section "B"
- Use diagrams, examples and illustrations where necessary.

SECTION "A" COMPULSORY

Question one

Discuss briefly the following Information Systems indicating their major functions in the Kenyan society

- i. Public Libraries (5 marks)
- ii. Special Libraries (5 marks)
- iii. Academic Libraries (5 marks)
- iv. Mass Media (5 marks)
- v. Components of an Information System (5 marks)
- vi. Information Centres (5 marks)

SECTION B: ANSWER TWO (2) QUESTIONS FROM THIS SECTION

Question 2

- a). What are the Agencies promoting communication of information transfer from producer to consumer in Kenya (5 marks)
- b). Enumerate and discuss at least six (6) of them explaining their major role in this sector (15 marks)

Question 3

Briefly discuss the major functions of the following Information Centres in Kenya:

- i. The Kenya National Library Services (5 marks)
- ii. National Archives Documentation Centre (5 marks)
- iii. The Kenya Literature Bureau (KLB) (5 marks)
- iv. Kenya Government Printer (5 marks)

Question 4

With the aid of Channels of Communications diagram, discuss in details the followings:

- a) Communication (5 marks)
- b) Informal Channel of Communication (5 marks)
- c) Formal Channel of Communication (5 marks)
- d) Nonverbal Communication (5 marks)

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