



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2013/2014 ACADEMIC YEAR
1ST YEAR, 1ST SEMESTER EXAMINATIONS FOR THE DEGREE
OF BACHELOR OF SCIENCE IN CONSTRUCTION
MANAGEMENT**

COURSE CODE: TCM 3112

COURSE TITLE: HISTORY OF CONSTRUCTION

DATE: 24/4/2013

TIME: 9.00-11.00AM

DURATION: 2 HOURS

INSTRUCTIONS

This paper consists of 5 questions

Answer Question ONE and any other TWO Questions

QUESTION ONE

- a) Distinguish between the terms construction and construction project management.
(4 Marks)
- b) Explain the relevance of construction management carrier in Kenya and elsewhere.
(4 Marks)
- c) Explain any THREE roles of a construction manager in the construction industry.
(6 Marks)
- d) Explain the roles of the following professionals in the construction industry
 - i. Architect
 - ii. Quantity Surveyor
 - iii. Civil Engineer

(6 Marks)

QUESTION TWO

History of construction has closely followed history of material development. Discuss this trend in reference to salient historical ages starting from Neolithic to Contemporary Age.

(20 Marks)

QUESTION THREE

- a) List THREE conventional managerial skills and explain how each one of them help in achieving the objectives of Construction Management.
(10 marks)
- b) Giving appropriate examples, discuss any TWO factors which have shaped the history of traditional buildings in Africa.

(10 Marks)

QUESTION FOUR

- (a) Discuss any THREE factors that have shaped historical development of road construction.
(10 Marks)
- (b) Explain the contribution of Turnpike trusts approach to road construction and maintenance in 18th Century.
(5 Marks)
- (c) Stone and steel are the two materials which has shaped the history of bridge construction. Explain this statement.

(5 Marks)

QUESTION FIVE

- (a) Construction labour has suffered poor image from history. State any FIVE issues which has attributed to this negative view.
(10 Marks)
- (b) Outsourcing or subcontracting of labour has transcended construction history and increased in almost all parts of the world in construction industry. Explain any TWO advantages of this trend.
(5 Marks)
- (c) Explain any TWO positive development in the construction industry in the 21st century that have attempted to correct the poor image of the past.
(5 Marks)