



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

**UNIVERSITY EXAMINATIONS 2013/2014 ACADEMIC YEAR  
1<sup>ST</sup> YEAR, 1<sup>ST</sup> 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 18<sup>th</sup> 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)

(5 Marks)