

**W1-2-60-1-6**

## JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS 2018/2019**

**YEAR 4 SEMESTER 1 EXAMINATIONS FOR THE DEGREE OF BACHELOR OF LANDSCAPE ARCHITECTURE**

**ABL 2401: PROFESSIONAL PRACTICE**

**DATE: MARCH 2019 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

QUESTION ONE (40 MARKS)

a) Define the following terms as used in the Agreement and conditions of contract for building works. (5 marks)

i) Contract Period

ii) Final Accounts

iii) Latent Defects

iv) Interim Certificate

v) Contract Price

b) What is meant by the following terms in the procurement process of a construction project? (5 marks)

i) Open tendering

ii) Selective tendering

c) State the advantages and disadvantage of each of the tendering methods indicated in part (b) above. (5 marks)

d) Describe briefly the structure of and organization of the construction industry in Kenya. (10 marks)

e) Describe in detail the pre-contract stages of construction project before it is awarded to a successful bidder (15 marks)

QUESTION TWO (30 MARKS)

a) What is the significance of each of the following certificates when issued by the head consultant during the post-contract stage of a construction project? (10 marks)

i) Certificate of practical completion

ii) Certificate of making-good-defects

iii) Handling-over certificate

b) Discuss the role landscape Architecture profession can play in the creation of conclusive urban outdoor environment in low-income urban housing developments (10 marks)

c) Explain the process involved in issuance of an interim payment certificate to a contractor engaged in construction of a landscape project (10 marks)

QUESTION THREE (30 MARKS)

a) State 5-documents that constitute a building/construction contract. (5 marks)

b) Explain what the following terms mean in a contract for building works. (15 marks)

i) Variations

ii) Subletting

iii) Sectional completion

iv) Patent defects

v) Prime cost sum

c) Discuss the role of Board of Registration of Architects and Quantity Surveyors (BORAQ) as provided for in CAP 525 of the laws of Kenya. (10 marks)

QUESTION FOUR (30 MARKS)

a) State five acts that would be deemed professional misconduct on the part of a consultant in architectural practice. (5 marks)

b) Describe briefly any two business practices a landscape architect would employ in practice, stating the advantages and disadvantages of each. (10 marks)

c) Describe the role of the lead consultant during the post-contract management of a construction project. (15 marks)

QUESTION FIVE (30 MARKS)

a) Discuss the role of the lead consultant during the pre-contract stages of a construction project. (15 marks)

b) State five pre-requisites for establishing an architectural business practice in Kenya.

(5 marks)

c) What do the following terms mean with regard to urban planning; building regulations and by laws. Illustrate your answer with well annotated sketches. (3 marks)

i) Building line

ii) Plot ratio

iii) Plot coverage

d) Explain the approvals required before the construction of a landscape/building project is permitted to commence. (7 marks)