



TECHNICAL UNIVERSITY OF KENYA

FACULTY OF APPLIED SCIENCES AND TECHNOLOGY

SCHOOL OF COMPUTING & INFORMATION TECHNOLOGY

END OF SEMESTER MAY 2017 EXAMINATION SERIES

SECOND SEMESTER EXAMINATIONS 2016/2017

FOURTH YEAR EXAMINATIONS FOR THE DEGREE OF

BACHELOR OF TECHNOLOGY IN COMPUTER TECHNOLOGY

BACHELOR OF TECHNOLOGY IN INFORMATION TECHNOLOGY

BACHELOR OF TECHNOLOGY IN COMPUTER NETWORK TECHNOLOGY

**ECSI 4203/ECII 4203/ECCI 4203: ESTIMATION TENDERING AND COMPUTER
CONTRACTS**

TIME: 2 Hours

MAY 2017

Instructions to candidates:

This paper consists of FIVE Questions.

Answer Question ONE [30 Marks] and any other TWO Questions [20 Marks Each].

Write your college number on the answer sheet.

This paper consists of 2 printed pages

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

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Question 1(30 marks) (Compulsory)

- a) Define the term law (2 Marks)
- b) Explain the forms of a computer service contract (6 Marks)
- c) What is a contract clause, and what constitute a contract clause (10Marks)
- d) Explain the operations of the following planning and control methods in tendering and computer service contracts (6Marks)
 - i. CPA networks
 - ii. Bar charts
- e) Explain the differences between an employee and a contractor (4Marks)
- f) Explain the purpose for working plan and control document (2Marks)

Question 2 (20 marks)

- a) What constitute a tender (3 Marks)
- b) Describe the contents of standard request for proposal document (15 Marks)
- c) Define material and costing estimates (2 Marks)

Question 3 (20 marks)

- a) Discuss what constitute an offer (6Marks)
- b) Explain five different types of contract using example in each case (10 Marks)
- c) Describe conditions that causes an offer to be terminated (4 Marks)

Question 4 (20 marks)

- a) What is source of law and explain three examples of sources of law (6Marks)
- b) Differentiate between law of tort and contract (3 Marks)
- c) Discuss the reasons why the consultant is the last person to leave the site. (7Marks)
- d) What is expression of interest in tendering (4 Marks)

Question 5 (20 marks)

- a) Explain the **three** types of tendering used in computer service contracts (7 Marks)
- b) Differentiate between Technical proposal and Financial Proposal. (8 Marks)
- c) Discuss the importance of site meetings (5 Marks)