



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF ENGINEERING AND TECHNOLOGY**  
**UNIVERSITY EXAMINATIONS FOR THE DIPLOMA IN CONSTRUCTION**  
**MANAGEMENT (TVET)**  
**1<sup>ST</sup> YEAR 2<sup>ND</sup> SEMESTER 2023/2024 ACADEMIC YEAR**  
**CENTRE: MAIN CAMPUS**

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**COURSE CODE: TDC 2124**

**COURSE TITLE: CONSTRUCTION PROJECT QUALITY MANAGEMENT I**

**EXAM VENUE: STREAM: Dip CONSTRUCTION MGT**

**DATE: ../04/2024 EXAM SESSION:**

**DURATION: 3 HOURS**

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**Instructions**

- 1. Answer ALL questions in Section A (Compulsory) and ANY other three questions in Section B**
- 2. Candidates are advised not to write on question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**

**SECTION A (30 Marks)**

1. a) Define the following terms:
  - i. Quality (2 Marks)
  - ii. Contract (2 Marks)
  - iii. Specification (2 Marks)
  - iv. Project works (2 Marks)
  - v. Project quality plan (2 Marks)
- b) Discuss code of professional conduct and ethics in construction industry.  
(10 Marks)
- c) Explain factors determining the choice of a project methodology (10 Marks)

**SECTION B (40 Marks)**

2. a) State and explain elements of a project quality plan. (10 Marks)
- b) Discuss the process of developing project works. (5 Marks)
- c) Explain the importance of quality in a construction project. (5 Marks)
3. a) What is meant by the term project methodology. (2 Marks)
- b) Discuss implementation methodologies of a project quality plan. (10 Marks)
- c) Discuss the process of developing quality checklists. (8 Marks)
4. a) List and explain four types of contract. (8 Marks)
- b) Explain the importance of specification in construction management (8 Marks)
- c) List the possible contractual problems (2 Marks)
- d) What are the different types of specifications? (2 Marks)
5. Discuss the components of quality (20 Marks)