



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF ENGINEERING AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS FOR THE DIPLOMA IN BUILDING AND CIVIL
ENGINEERING**

3RD YEAR 2ND SEMESTER 2017/2018 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: TBC 2323

COURSE TITLE: LAW, ETHICS AND PRACTICE

EXAM VENUE: LR 15

STREAM: DIP IN BLD & CIV ENG

DATE: 12/12/2017

EXAM SESSION: 2.00 – 3.30PM

DURATION: 1 ½ HOURS

Instructions

- 1. Answer question 1 (Compulsory) and ANY other two questions**
- 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**

- 1 (a) Engineering discipline has served mankind for a longtime, right from ancient of days. Due to their complex engagement in society, the call to adhere to codes and guidelines is paramount within this profession. Explain the qualities of engineering profession. (10 mks)
(b) Define the following terminologies:
 - (i) Profession (3 mks)
 - (ii) Ethics (2 mks)
 - (iii) Contract (3 mks)(c) Discuss the role of construction industry in the efforts to attain development goals in society (10 mks)
- 2 There are fundamental canons (principles) that has been appreciated by the society of professional engineering worldwide as part of ethical practice within their profession. Discuss them. (20 mks)
- 3 Discuss Lumpsum and Unit Price contracts in Construction industry in Kenya (10 mks)
- 4 Corruption is a cancer to any profession. Discuss how corruption and collusion affects developing countries (e.g. Kenya), showing the stages in which delivery of construction projects suffer in the process (20 mks)
- 5 (a) Public procurement covers all types of acquisitions made by or on behalf of public entities including engineering industry. However, there are core principles in public procurements that rests in the five pillars. Discuss those pillars. (10 mks)