

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR BACHELOR OF SCIENCE IN COMMUNITY HEALTH &  
BACHELOR OF SCIENCE IN PUBLIC HEALTH

2<sup>nd</sup> & 4<sup>th</sup> YEAR 1<sup>st</sup> SEMESTER 2018/2019 ACADEMIC YEAR

**NAIROBI LERNING CENTRE**

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COURSE CODE: HPD 3413

COURSE TITLE: LAND DEVELOPMENT, HOUSING AND HEALTH

EXAM VENUE: 12<sup>TH</sup> FLOOR ROOM 2

SESSION: 2PM -4PM

DATE: 04/ 12/ 2018

TIME: 2 HOURS

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**Instructions:**

1. Answer Question ONE (COMPULSORY) and ANY other 2 questions
2. Candidates are advised not to write on the question paper
3. Candidates must hand in their answer booklets to the invigilator while in the examination room

## **QUESTION 1**

- a)
  - i. Define the following terms (5 marks)
    - 1. Land planning
    - 2. Zoning
    - 3. Soil
    - 4. Soil mechanics
    - 5. Land surveying
  - ii. State and explain the laws governing conversion of land (5 marks)
  - iii. State and explain the importance of ventilation in a building (5 marks)
  
- b)
  - i. Define with example building code (3 marks)
  - ii. Briefly discuss structural steel construction (12 marks)

## **QUESTION 2**

Discuss the Land development and settlement laws (20 marks)

## **QUESTION 3**

Discuss giving examples the physical planning policies (20 marks)

## **QUESTION 4**

- a) Define building and construction team (2 marks)
- b) Discuss the functions of the building team in building and construction (18 marks)

## **QUESTION 5**

Discuss the functions of a quantity surveyor (20 marks)