

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

## JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

**UNIVERSITY EXAMINATIONS 2018/2019**

**YEAR 3 SEMESTER 1 EXAMINATIONS FOR THE DEGREE OF BACHELOR OF DEVELOPMENT STUDIES**

**HSD 2305: SCIENCE, TECHNOLOGY AND DEVELOPMENT**

**DATE: AUGUST 2019 TIME: 2 HOURS**

**INSTRUCTIONS: (I) QUESTION ONE IS COMPULSORY (II) ANSWER ANY TWO MORE QUESTIONS.**

QUESTION ONE (30 MARKS)

a) Discuss five roles that are played by the market in development of innovations (6 marks)

b) Outline five Social, Political and Economic factors that influence technological change in any given economy (7 marks)

c) Outline any five activities for technological innovation (5 marks)

d) Explain four roles played by public policy in Innovation (5 marks)

e) “Social Innovation enables companies to gain a social innovation perspective to their internal organizational efforts, empowering innovators and leveraging the growing imperative to engage employees with work that is both meaningful and profitable”. Explain about the except (7 marks)

QUESTION TWO (20 MARKS)

a) Social Innovation enables companies to gain a social innovation perspective to their internal organizational efforts, empowering innovators and leveraging the growing imperative to engage employees with work that is both meaningful and profitable. Explain about the concept (10 marks)

b) Explain the roles played by the market in development of Innovations (10 marks)

QUESTION THREE (20 MARKS)

a) Discuss any five comparison Analysis of innovation that are in Asia different from Africa and give out five reasons for the differences you have realized (10 marks)

b) Explain any five characteristics of technology that you know (10 marks)

QUESTION FOUR (20 MARKS)

a) Explain Technology for change and Technological innovations (10 marks)

b) Discuss five activities for technological innovation (10 marks)