

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

**JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2018/2019**

**FOURTH YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY MANAGEMENT**

**HEIT 2405: EFFECTIVE RESEARCH AND DEVELOPMENT**

**DATE: DECEMBER, 2018 TIME: 2 HOURS**

INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

**QUESTION ONE: 30 MARKS**

Select one Research and Development institution you are familiar with and

describe the following aspects:

a. R &D classifications

b. R&D operations

c. R&D management structure

d. R&D budgeting and funding

e. R&D strategies

f. R&D Monitoring and Evaluation

g. R&D Challenges

**QUESTION TWO: 20 MARKS**

Describe the classification of new product development activities across different

industries.

**QUESTION THREE: 20 MARKS**

Discuss factors affecting strategic partnerships in Research and Development.

**QUESTION FOUR: 20 MARKS**

Write short notes on the following terms:-

a. Innovation process

b. R&D function

c. R&D Model

d. Types of research