[Knowledge for Development]

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS
2015/2016 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
YEAR ONE SEMESTER TWO EXAMINATIONS

FOR THE MASTER OF SCIENCE IN INFORMATION TECHNOLOGY

COURSE CODE : **MIT822**

COURSE TITLE : RESEARCH IN GREEN ICT

DATE: 14/05/2016 **TIME:2.00PM-4.00PM**

INSTRUCTIONS TO CANDIDATES

ANSWER ANY THREE OTHER QUESTIONS ONLY.

ALL QUESTIONS CARRY 20 MARKS EACH

1. (a) IT now has a new role to play in creating a greener, more sustainable environment, whilst offering economic benefits by becoming greener. Discuss what green IT is?

    (10 marks)

    (b) Highlight what a good definition of green IT needs cover   (10 marks)

2. Discuss the features that enable of clouds that make cloud computing to be considered as being green within green ICT?   (20 marks)

3. Discuss the dimension of green IT implementation strategy   (20 marks)

4. Identify and discuss the Business Drivers of Green IT Strategy   (20 marks)

5. IT has a role to play in green environment creation.

    (a) Highlight the key effects of poor and unsustainable work practices that have let to unsustainable environments   (4 marks)

    (b) Discuss an organisations Internal drivers and opportunities for greening IT (16 marks)