



[*Knowledge for Development*]

KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS YEAR ONE SEMESTER ONE EXAMINATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (INFORMATION TECHNOLOGY)

COURSE CODE : PIT 914

**COURSE TITLE : INFORMATION TECHNOLOGY &
SOCIETY**

DATE: 20/10/2018

TIME: 2.00 PM -5.00 PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE AND ANY OTHER TWO.

1. (a) Highlight the ICT goals in Africa (6 marks)

(b) African countries are now aware of the benefits derived through adoption and use of ICTs but there are many serious challenges which must be addressed before the benefits can be realised. Discuss the chief challenges that Kenya needs to address (14 marks)

2. Unless explicit measures are taken to address the constraints girls and women face, any attempt to formulate ICT as a tool for knowledge and information dissipation for the underprivileged may increase gender disparities and lessen the potential impact of ICT towards realising economic growth for Kenya. Discuss ICTs role in gender mainstreaming (20 marks)
3. Advancements in Information and Communication technology has greatly contributed to the digital exclusion of the indigenous peoples in sub-Saharan Africa as well as other regions of the world. Discuss how ICT has led to the digital exclusion (20 marks)
4. In effort to quickly realise the vision 2030 goals, the Kenyan government in its many projects is using ICT to develop e-governance. Discuss the benefits the citizen are likely to benefit from the e-governance project. (20 marks)
5. SME are said to be the best avenue of using ICT to actualize development in rural areas, however, they have hardly adopted ICT. Discuss the barriers to ICT adoption by Small and Medium-Sized Enterprises in Kenya and the East African region. (20 marks)