(Knowledge for Development)

KIBABII UNIVERSITY
(KIBU)

UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
YEAR ONE SEMESTER ONE EXAMINATIONS

FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY IN
(INFORMATION TECHNOLOGY)

COURSE CODE   :   PIT 914

COURSE TITLE   :   IT AND SOCIETY

DATE: 24/05/2021   TIME: 2.00 P.M. – 5.00 P.M.

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTIONS ONE and ANY OTHER TWO.

ALL QUESTIONS CARRY 20 MARKS EACH

QUESTION ONE [20 MARKS]

a. Discuss how management can affect employees ethical behavior **[4 marks]**

b. Explain four approaches that Philosophers have developed for decision making **[4 marks]**

c. Explain as far as technology adoption is concerned the following **[4 marks]**

    i.   Innovators,

    ii.   non-adopters,

    iii.   Resisters,

    iv.   Adapters and

    v.   the alienated

d. Explain the relationship between cognition and communications technology **[4 marks]**

e. Discuss the effects of new information technologies on indigenous populations **[4marks]**

QUESTION TWO [20 MARKS]

a. Discuss Technological exploration in relation to quantitative improvements in information processes and storage capability **[10 marks]**

b. Discuss Ways for using advanced information technology uniquely in different institutional contexts, public and private in relation to societal norms. **[10 marks]**

QUESTION THREE [20 MARKS]

a. Discuss how cultural constructions of legitimacy, knowledge and authority affect developing information technologies? **[10 marks]**

b. Discuss if online arenas displace ongoing communal activities or fill social voids and if technology can be reconstituted within the local context or imported without alteration.

[10marks]

QUESTION FOUR 20 MARKS

a. Discuss how information-seeking patterns fostered by advanced information technologies authorize new voices, persons and concerns and call existing ones into question? 10marks

b. Discuss

(i) Ethical issues and impact which surround the use and development of information technology in society. **[5 marks]**

(ii)   the culture and society challenges in the development of information technology ,

[5 marks]

QUESTION FIVE [20 MARKS]

a.   Discuss in order to participate in public discourse, the impacts of technology use on:

(i)   the freedom of speech and censorship;

ii)   information available to individuals;

iii)   the capacity of individuals and organizations

[10 marks]

b.   Discuss ways through which global information technology infrastructure can help address the borderless problems concerning the Millennium Goals of environmental degradation, overpopulation and refugee movements.   **[10 marks]**