MACHAKOS UNIVERSITY

University Examinations for 2016/2017 Academic Year

SCHOOL OF AGRICULTURE AND NATURAL RESOURCES MANAGEMENT

DEPARTMENT OF AGRIBUSINESS MANAGEMENT

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF SCIENCE IN AGRIBUSINESS MANAGEMENT

KBT 428: AGRI-SUPPLY CHAIN MANAGEMENT

DATE: 26/7/2017   **TIME: 2:00 – 4:00 PM**

INSTRUCTIONS:
 Answer question ONE and any other TWO questions

QUESTION ONE (COMPULSORY) (30 MARKS)

a)   Define the following terms
- i)   Agricultural supply chain   (2 marks)
- ii) Agricultural value chain   (2 marks)
- iii) Value chain governance   (2 marks)
- iv) Value chain actor   (2 marks)

b)   Explain five functions of contracting in supply chain management.   (5 marks)

c)   Describe three theories that support institutions and performance in value chain
governance.   (6 marks)

d)   Explain five driving forces for agri-supply chain development in Africa.   (5 marks)

e)   Explain six factors that influence decisions in network design for successful supply chain
management.   (6 marks)

QUESTION TWO (20 MARKS)

a)   Giving relevant examples, explain four approaches that promote value chain participation
      by small-scale farmers in Kenya.   (10 marks)

b)   Explain five reasons why integrating farmers vertically in not always an effective
      'inclusion' intervention.   (10 marks)

QUESTION THREE (20 MARKS)

a)   Giving relevant examples, explain five strategies crucial for adding value to dairy chain

      in Kenya.   (10 marks)

b)   Assuming that you have been appointed as a value chain facilitator in Kiambu County,

      explain four essential tools that you could consider useful for successful running of the

      chain.   (8 marks)

QUESTION FOUR (20 MARKS)

a)   Assuming that you have been consulted by the county government of Machakos to
      develop a value chain for Sorghum, explain five phases that you would consider while
      developing value chain.   (10 marks)

b)
      i.   Explain five risks that are likely to face global value chains in agribusiness.
                                                                                     (5 marks)
      ii.   Explain five interventions of mitigating the risks mentioned in 4, b (i) above,
            during the network design phase.   (5 marks)

QUESTION FIVE (20 MARKS)

a)   Giving practical examples in Africa, explain four main types of value chain models based
      on the organizational structure of smallholder production.   (8 marks)

b)   Explain six support services essential in the value chain network.   (12 marks)