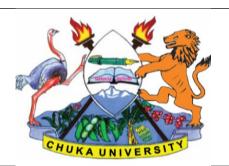
**CHUKA** 



# **UNIVERSITY**

# **UNIVERSITY EXAMINATIONS**

# FOURTH YEAR EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN NATURAL RESOURCE MANAGEMENT

**NARE 440: SILVICULTURE** 

STREAMS: BSC (NARE) Y4S1 TIME: 2 HOURS

DAY/DATE: FRIDAY 07/12/2018 11.30 A.M. – 1.30 P.M.

# **INSTRUCTIONS:**

- Answer all questions in section A and any TWO in section B
- Do not write on the question paper

#### **SECTION A**

Q1.	Explain how the silvicultural practices control forest vegetation	[6 marks]
Q2.	Describe any three silvicultural methods applied in forest management	[6 marks]
Q3.	Explain the role of insects in forest management	[6 marks]
Q4.	Explain why thinning is important in forest establishment	[6 marks]
Q5.	Explain the silvicultural regeneration methods	[6 marks]

# **SECTION B**

- Q6. (a) Discuss rotation in relation to forest productivity [10 marks]
  - (b) Discuss the factors to consider when setting a tree nursery for large seedling production

# [10marks]

Q7.	Discuss the importance of growing eucalyptus on farm	[20 marks]
Q8.	Discuss the role of forestry in mitigating the effects of climate change	[20 marks]

# **NARE 440**

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