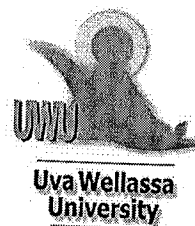


Uva Wellassa University  
BSc in Export Agriculture



End Semester Examination February/ March 2011  
Year IV Semester I  
Agricultural Project Analysis EAG 425-2  
Essay

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**Instructions**

Answer all questions

No. of questions : Two (02)

No. of pages : Two (02)

Total marks allocated : 50%

Time : One hour (01 hr)

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1. Briefly explain the following using simple examples
  - a. Undiscounted measures of project appraisal
  - b. Discounted measures of project appraisal
  - c. Problem tree analysis
2.
  - a. Briefly explain the following in relation to network analysis of projects
    - i. Activity
    - ii. Event
    - iii. Preceding activity
    - iv. Succeeding activity
    - v. Dummy activity

- b. A construction project involves the following activities. Draw the network diagram and mark the critical. What is the project completion time?

Activity	Predecessor	Duration (days)
A	-	15
B	-	5
C	-	7
D	-	17
E	A,B,C,D	9
F	A,B,C,D	4
G	A,B,C,D	3
H	B,C,D	4
I	B,C,D	5
J	B,C,D	10
K	B,C,D	3
L	E,F	18
M	G,H,I	4
N	K	6
O	L,M,J,N	10