



Uva Wellassa University
Faculty of Animal Science & Export Agriculture
BSc in Export Agriculture



End Semester Examination – February/March 2011
Year III Semester I

EAG 347-0: Introduction to Remote Sensing

Instructions

Answer **all** questions

No. of questions : Four (04)

No. of pages : One (01)

Time allocated : One hour (01 hr)

Total marks allocated : 100

1. (i) Write a brief account on the applications of remote sensing techniques in agriculture and discuss their advantages.

(ii) Describe different types of remote sensing platforms.

2. Write illustrated notes on the followings.
 - (i) Contrast enhancement techniques used in digital image processing
 - (ii) An image classification technique applied to satellite images

3. (i) Briefly explain different spectral reflectance characteristics of earth's surface covers.

(ii) Distinguish between spatial resolution and spectral resolution of remote sensors.

4. You are provided with all seven bands of Landsat Thematic Mapper (TM) satellite images of an area for a vegetation study. Propose an effective method for that and explain it.

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