

Uva Wellassa University  
Faculty of Animal Science & Export Agriculture  
BSc in Tea Technology and Value Addition



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

TEA 343-0: GIS and 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 historical evolution of remote sensing techniques.  
(ii) Describe different types of remote sensing platforms.
2. Write illustrated notes on the followings.
  - (i) Colour composite making using multi-band satellite images
  - (ii) Contrast enhancement techniques applied to satellite images
3. (i) Explain in detail the method of satellite image acquisition using along-track scanning.  
(ii) Distinguish between spatial resolution and temporal resolution of remote sensors.
4. Elaborate on each term of the acronym "GIS". What are the functions and components of a GIS?

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