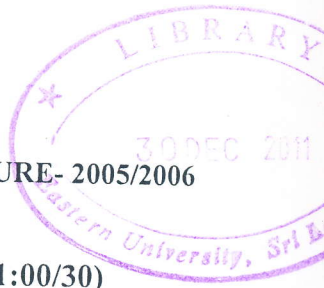


EASTERN UNIVERSITY, SRI LANKA

THIRD YEAR FIRST SEMESTER EXAMINATION IN AGRICULTURE- 2005/2006

(March/April/May 2011)

AEN 3103 Application of Geo informatics in Agriculture (1:00/30)



Answer all questions

Time allowed: Two hours

- All the data (shape files) are stored in directory of D:\PrI_data.

Q1)

- a) Add following data *divsec.shp*, and *batti_dist.shp* from directory D:\PrI_data \srilanka.
- b) Separate (Convert) Pollanaruwa district from *divsec.shp* and merge two themes of Pollanaruwa and Batticaloa districts. Change the color in light green and outline thickness unit in 1.
- c) Clip themes *road*, *major_town*, in the merged theme. The following themes have to be change; Road: color in red and size 02, Rail way track color in black and major towns are in blue. And also put the labels into all DS divisions. Prepare a layout map with all map elements and export to JPEG file format in the name of POP.

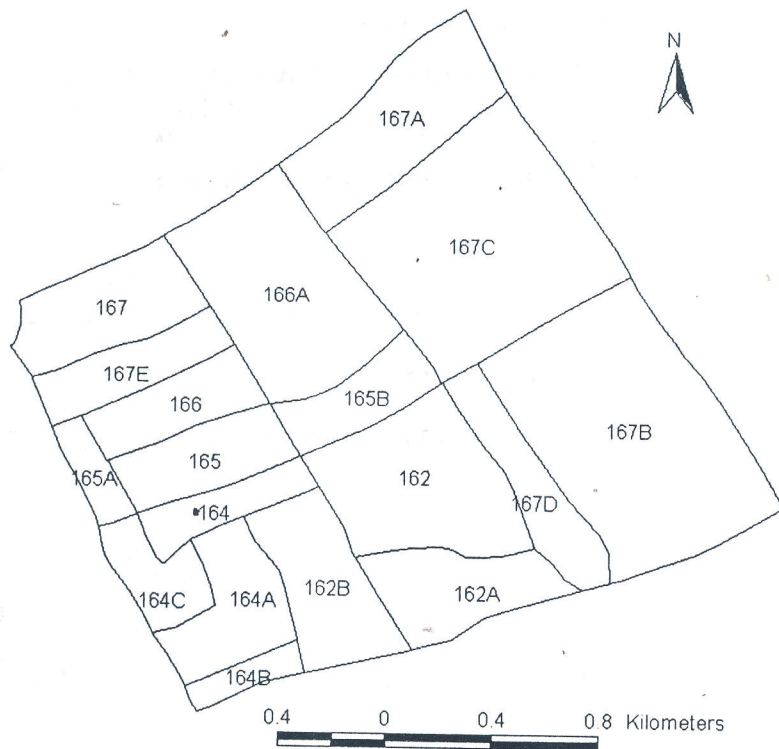
(40 marks)

Q2) add image sheet55_mahiyangana.tif in following directory D:\PrI_data\scanned map\kathankudy .bmp

- a. Digitize the all GN divisions and roads.
- b. Enter the attributes data in Into GIS database. (data annex herewith) under following fields;
- c. Indicate the name of labels on GN divisions.
- d. Save (save project as) your works in as a name "ques02" and the meantime Prepare a layout map with map elements and export to JPEG format and save the same file name.

(60 marks)

KATTANKUDY DS DIVISION



GND_C	GND_N	POP	MALE	FEMALE
162	Kattankudy Division 6	3016	1454	1562
164	Kattankudy Division 4	1723	1032	691
165	Kattankudy Division 3	1377	645	732
166	Kattankudy Division 2	2268	1028	1240
167	Kattankudy Division 1	1419	667	752
162A	Kattankudy Div.6 South	2400	1124	1276
162B	Kattankudy Div.6 West	2255	1147	1108
164A	Kattankudy Division 5	2154	1115	1039
164B	Kattankudy Div.5 South	1119	584	535
164C	Kattankudy Div.4 West	1543	739	804
165A	Kattankudy Div.3 West	1155	554	601
165B	Kattankudy Division 3 East	1398	686	712
166A	Kattankudy Div.2 North	1872	986	886
167A	New Kattankudy Div. North	4824	2392	2432
167B	New Kattankudy Div. East	3632	1990	1642
167C	New Kattankudy Div. South	4446	2110	2336
167D	New Kattankudy Div. West	1826	884	942
167E	Kattankudy Div.1 South	1994	948	1046