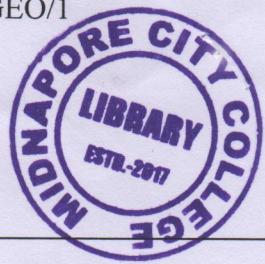Acc No. QP53

Second Semester Examination-2018
M.Sc. GEOGRAPHY
Paper Code: GEO-206

Full Marks : 25

Time: 2 Hours

Unit-23

Physical and Social Thematic Mapping
Answer all the questions:

1. Compare the indicators used for calculating HDI after 2010. Prepare   6+1=7

   5 zones of development in terms of HDI for India on the given data and interpret it.

State	Life expectancy Index	Education India	Income Index
Andhrapradesh	0.76	0.382	0.498
Arunachalpradesh	0.74	0.384	0.467
Assam	0.69	0.446	0.425
Bihar	0.75	0.319	0.322
Chhattisgarh	0.72	0.372	0.471
Delhi	0.83	0.583	0.618
Goa	0.88	0.549	0.662
Gujrat	0.77	0.432	0.535
Hariyana	0.77	0.441	0.575
Himachal Pradesh	0.83	0.538	0.516
Jammu and Kishmir	0.82	0.449	0.440
Jharkhand	0.74	0.358	0.411
Karnataka	0.77	0.434	0.504
Kerala	0.90	0.581	0.527
Madhyapradesh	0.69	0.383	0.404
Maharastra	0.82	0.482	0.547
Manipur	0.84	0.511	0.409
Meghalaya	0.76	0.390	0.471
Mizoram	0.87	0.510	0.463
Orissa	0.71	0.369	0.454
Punjab	0.81	0.456	0.539
Rajasthan	0.76	0.358	0.439
Sikkim	0.87	0.427	0.488
Tamilnadu	0.81	0.491	0.519
Tripura	0.84	0.459	0.466
Uttar Pradesh	0.70	0.380	0.381
Uttarakhand	0.82	0.502	0.488
West Bengal	0.81	0.406	0.482

2. Prepare a dissection index map and seam ordering of the given drainage   3+3+1=7
   basin and interpret it.

3. Prepare a crop combination map based on weaver method with the help   5+1=6
   of following data and interpret it.

C.D Block	Rice	Jute	Wheat	Potato	Oil Seed	Total Corp area in hec.
Dhanekhali	27310	1290	140	6780	6500	42020
Singur	16350	1790	4.5	5290	2220	25654.5

4. Laboratory note book and viva-voice.
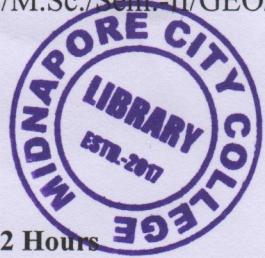
Second Semester Examination-2018
M.Sc. GEOGRAPHY
Paper Code: GEO-206

Full Marks : 25   **Time: 2 Hours**

Unit-24

Applications of Remote Sensing and Geographic Information System

Answer all the questions:

1. Prepare the Georeference in the given map using Arc Map. Save the output   **5**
    in folder by your name and Roll No.

2. Prepare a land use/Land cover map from the given standard FCC   **5+4+1=10**
    by suing supervised image classification technique with map composition
    and interpret the result.

3. Prepare a NDVI Map from the given standard FCC, and interpret the result   **5**
    regarding the forest health.

4. Laboratory note book and viva-voice.   **5**