

# KANYASHREE UNIVERSITY

M.A./M.Sc. 2<sup>nd</sup> Semester Examination, 2024

Subject: Geography

Course: CC 212

Quantitative & Field Techniques

Full Marks: 50

Time: 4 hours

(Answer all the questions)

1. Compute and draw a Lorenz curve to show concentration of schedule tribe population of selected blocks of Nadia District in 2001. Interpret the curve. (8+2)

Sl.No	C.D.Block	Total Population (2001)	Schedule Tribe Population (2001)
1	Chapra	272289	767
2	Krishnagar-I	280386	14199
3	Krishnagar-II	124159	1658
4	Nabadwip	121807	1466
5	Krishnaganj	133359	8179
6	Hanskhali	260969	6922
7	Santipur	217318	8069
8	Ranaghat-I	207394	3165
9	Ranaghat-II	330243	12514
10	Chakdah	362983	18117

2. Find out the areas of population concentration of West Bengal by Location Quotient method from the given data and interpret. (8+2=10)

Sl. No.	Name of the Districts	Area in sq.km	Population (2011)
1	Coochbehar	3387	2819086
2	Jalpaiguri	6227	3872846
3	Darjeeling	3149	1846823
4	Uttar Dinajpur	3140	3007134
5	Dakshin Dinajpur	2219	1676276
6	Maldah	3733	3988845
7	Murshidabad	5324	7103807
8	Birbhum	4545	3502404
9	Burdwan	7024	7717563
10	Nadia	3927	5167600
11	North 24 parganas	4094	10009781
12	South 24 parganas	9960	8161961
13	Kolkata	185	4496694
14	Howrah	1467	4850029
15	Hooghly	3149	5519145
16	Bankura	6882	3596674
17	Purulia	6259	2930115
18	Purba Medinipur	4736	5095875
19	Paschim Medinipur	6272	5913457

3. Calculate Mean centre of Population of Maldah district and It's shifting from the given data and interpret. (8+2=10)

Sl. No.	Name of the Blocks	Population (2001)	Population (2011)
1	Bamongola	127252	143906
2	Chanchal-I	174024	204740
3	Chanchal-II	165192	205333
4	English Bazar	226232	274627
5	Gazole	294715	343830
6	Habibpur	187650	210699
7	Harischandrapur-I	162406	199493
8	Harischandrapur-II	198039	251345
9	Kaliachak-I	310935	392517
10	Kaliachak-II	211406	210105
11	Kaliachak-III	284376	359071
12	Maldah	131255	156365
13	Manikchak	214127	269813
14	Ratua-I	217356	275388
15	Ratua-II	160904	202080

4. Differentiate between Survey schedule and Questionnaire. Prepare a passenger survey schedule. (2+8=10)
5. Lab Note Book and Viva voce. (5+5)

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