

# Murshidabad Adarsha Mahavidyalaya

Ph: 03481-236327

E-mail: mam236327@gmail.com

www.murshidabadadarshamahavidyalaya.in



Islampur

Murshidabad

Pin- 742304 (W.B.)

Memo No: MAM / /

Date: \_\_\_/\_\_\_/\_\_\_

CLASS: REMOTE SENSING AND GIS (GEOGRAPHY)

TEACHER: ANUSREE KUNDU

DATE: 20/09/22

SL. NO.	NAME OF THE STUDENTS	DEPARTMENT	SEMESTER	HONOURS/ PROGRAMME	ARRIVAL TIME	DEPARTURE TIME	SIGNATURE
1	Nayima Khatun	Geo	5th	H	1:00	2:00	Nayima Khatun
2	Sharmistha Saha	Geo	5th	H	1:00	2:00	Sharmistha Saha
3	Meneka Khatun	Geography	5th	H	1:00	2:00	Meneka Khatun
4	Sumana Mondal	Geo	5th	H	1:00	2:00	Sumana Mondal
5	Disha Mondal	Geo	5th	H	1:00	2:00	Disha Mondal
6	Sahel Rana	Geo	5th	H	1:00	2:00	Sahel Rana
7	Asanul Hasan	Geo	5th	H	1:00	2:00	Asanul Hasan
8	Sakibuz Mandal	Geo	5th	H	1:00	2:00	Sakibuz Mandal
9	Dipika Pal	Geo	5th	H	1:00	2:00	Dipika Pal
10	Bikram Ghosh	Geo	5th	H	1:00	2:00	Bikram Ghosh
11	Ratul Rana	Geo	5th	H	1:00	2:00	Ratul Rana
12	Anup Paul	Geo	5th	Hons	1:00	2:00	Anup Paul
13	GOLAM MOBASIR REZA	Geo	5th	Hons	1:00	2:00	Golam Mobasir Reza
14	Md Mursalin Saikh	Geography	5th	Hons	1:00 pm	2:00 pm	Md Mursalin Saikh
15	Rumana Akter	Geo	5th	Hons	1:00 pm	2:00 pm	Rumana Akter
16	Shreyashree Debnath	Geo	5th	Hons	1:00	2:00	Shreyashree Debnath
17	Anjan Kumar Datta	Geo	5th	Hons	1:00	2:00	AKD
18	Tanushri Mondal	Geo	5th	Hons	1:00	2:00	Tanushri Mondal
19	Jaya Das	Geo	5th	Hons	1:00	2:00	Jaya Das
20	Sabnun Khatun	Geo	5th	Hons	1:00	2:00	Sabnun Khatun
16	Bikram Mandal	Geo	5th	Hons	1:00	2:00	Bikram Mandal

Indra Kumar Mishra

Principal  
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Memo No: MAM / /

Date: / /

Class: SEC (Computer basics and computer applications)

TEACHER: ANUSREE KUNDU

DATE: 22/11/22

SL NO.	NAME OF THE STUDENTS	DEPARTMENT	SEMESTER	HONOURS/ PROGRAMME	ARRIVAL TIME	DEPARTURE TIME	SIGNATURE
1	Rubel Malitha	Geo	3rd	HONOURS	2:00pm	3:00pm	Rubel Malitha
2	Asif Ujjaman	Geo	3rd	HONOURS	2:00	3:00	Asif Ujjaman
3	Tahangir Hossain	Geo	3rd	HONOURS	2:00pm	3:00pm	Tahangir Hossain
4	Murmuun Khatun	Geo	3rd	HONOURS	2:00pm	3:00pm	Murmuun Khatun
5	Sahina Khatun	Geography	3rd	HONOURS	2:00pm-3:00pm		Sahina Khatun
6	Baby Sahana Khatun	Geography	3rd	HONOURS	2:00pm-3:00pm		Baby Sahana Khatun
7	Rumana Khatun	Geography	3rd	"	"	"	Rumana Khatun
8	Bipasha Sarkar	Geography	3rd	HONOURS	2:00pm-3:00pm		Bipasha Sarkar
9	Barnali Pal	Geography	3rd	HONOURS	2:00pm-3:00pm		Barnali Pal
10	Ananya Pramanik	Geo	3rd	HONOURS	2:00pm-3:00pm		Ananya Pramanik
11	Atikus Samad	Geography	3rd	HONOURS	2:00pm	3:00pm	Atikus Samad
12	Anuska Saha	Geography	3rd	HONOURS	2:00pm	3:00pm	Anuska Saha
13	Samarit Saha	"	3rd	HONS	2:00pm	3:00pm	Samarit Saha
14	Sabana Azmin	Geography	3rd	HONS	2:00pm-3:00pm		Sabana Azmin
15	Mamodag Khatun	Geography	3rd	HONS	2:00pm-3:00pm		Mamodag Khatun
16	Ajmaluddin	Geography	3rd	HONS	2:00pm-3:00pm		Ajmaluddin
17	Azad Hossain	Geography	3rd	HONS	2:00pm-3:00pm		Azad Hossain
18	Sainin Sultana	Geography	3rd	HONS	2:00pm-3:00pm		Sainin Sultana
19	Humayun Mondal	Geography	3rd	HONS	2:00pm-3:00pm		Humayun Mondal
20	Nizam uddin	Geography	3rd	HONS	2:00pm-3:00pm		Nizam uddin
21	Sarif Mondal	Geography	3rd	HONS	2:00pm-3:00pm		Sarif Mondal
22	Raju SK	Geography	3rd	HONS	2:00pm-3:00pm		Raju SK
23	Rubel SK	Geography	3rd	HONS	2:00pm-3:00pm		Rubel SK
24	md. Hasanuzzaman Mondal	Geography	3rd	HONS	2:00pm-3:00pm		md. Hasanuzzaman Mondal
25	Acif Ikbal	Geography	3rd	HONS	2:00pm-3:00pm		Acif Ikbal
26	MD Samiul Islam	Geo	3rd	HONS	2:00pm-3:00pm		MD Samiul Islam
27	Abgar Ali	Geo	3rd	HONS	2:00pm-3:00pm		Abgar Ali
28	Runa Mukherjee	Geo	3rd	HONS	2:00pm-3:00pm		Runa Mukherjee

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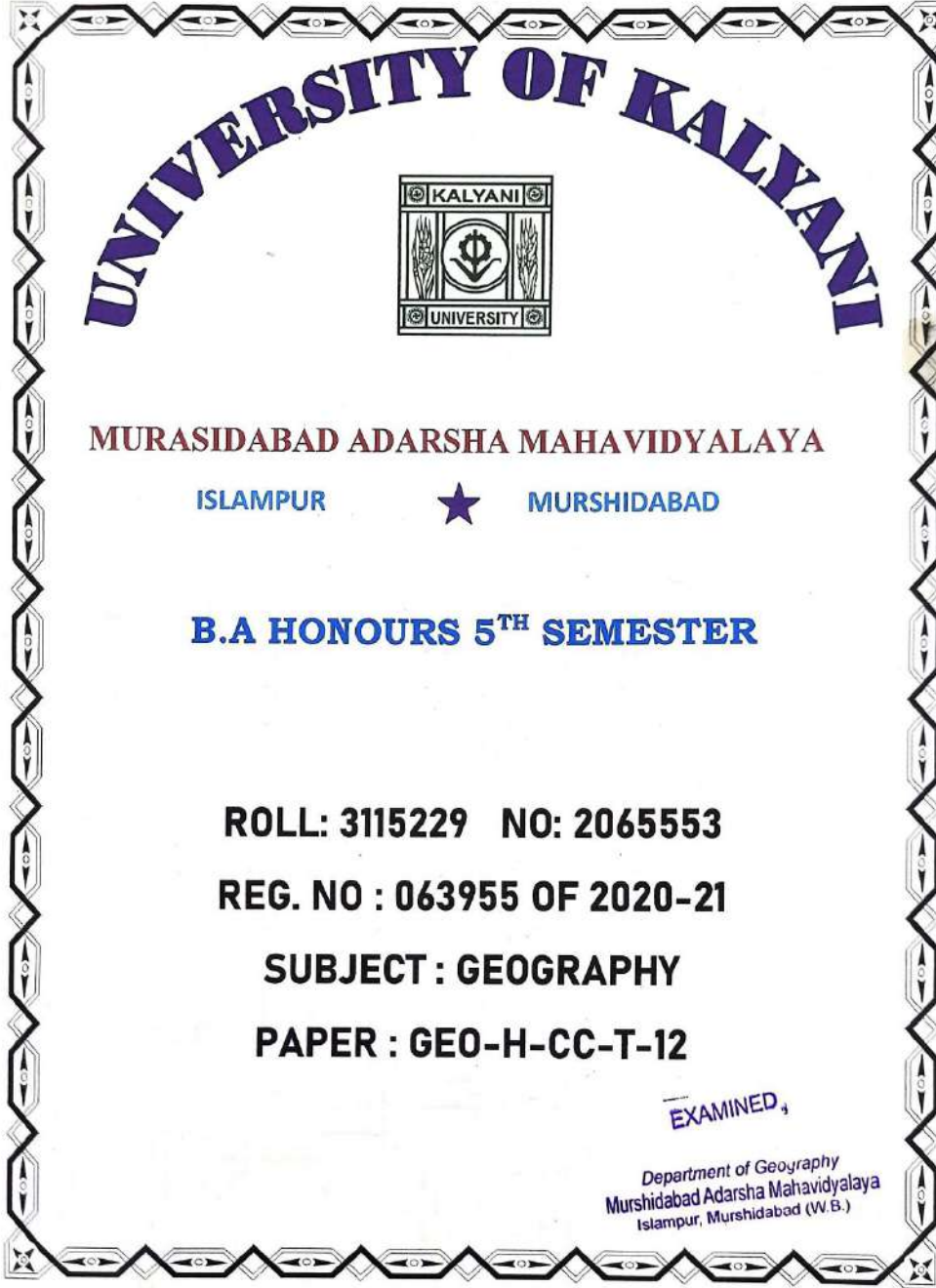
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**UNIVERSITY OF KALYANI**



MURSHIDABAD ADARSHA MAHAVIDYALAYA

**CHAK ISLAMPUR**



**MURSHIDABAD**

**GEOGRAPHY PRACTICAL NOTEBOOK**

**B.A HONOURSE 5<sup>TH</sup> SEMESTER EXAMINATION 2022**

ROLL NO : 3115229-2065553

REG.NO : 063955 OF 2020-2021

SUBJECT : GEOGRAPHY (HONS)

PAPER : GEO -H- CC -P-12 ( PRACTICAL)

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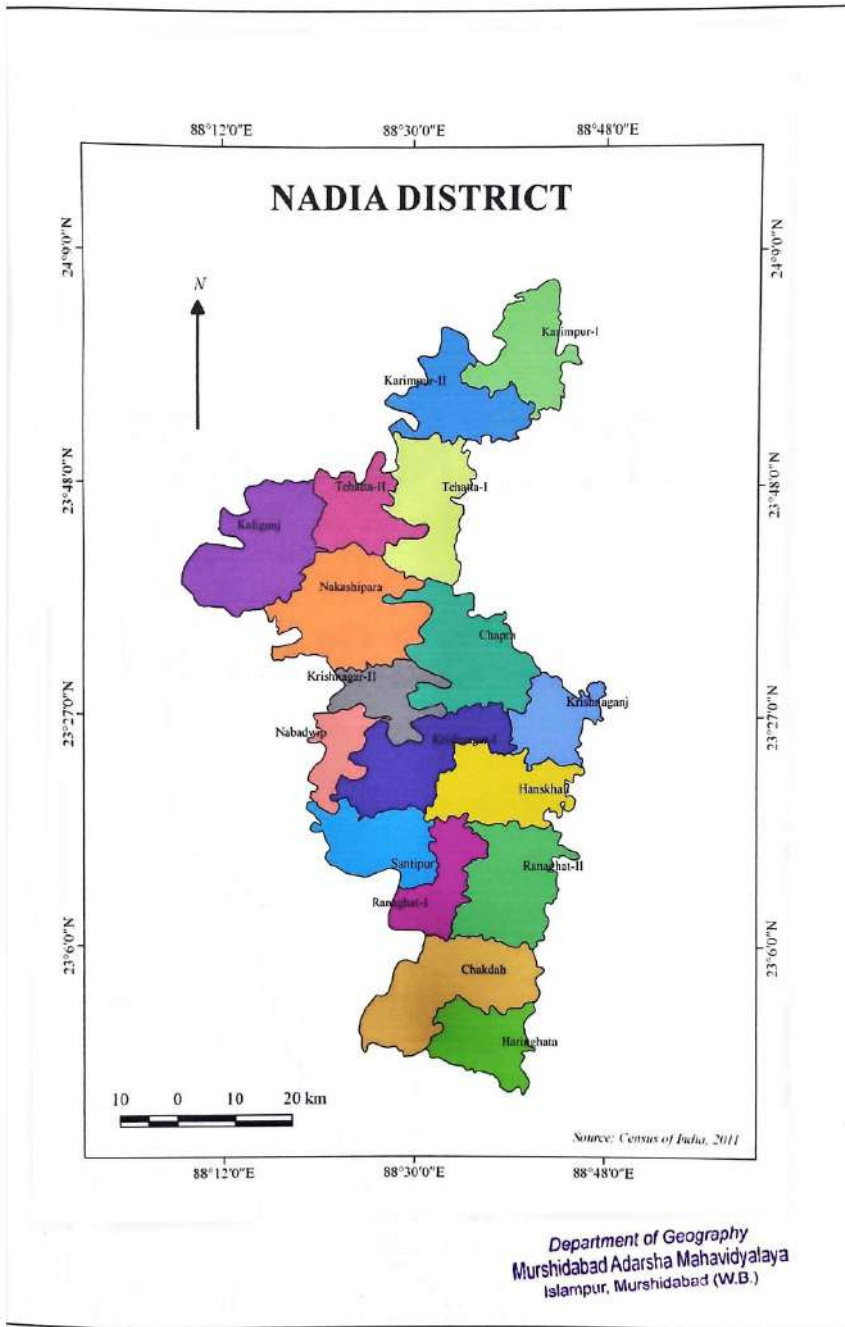
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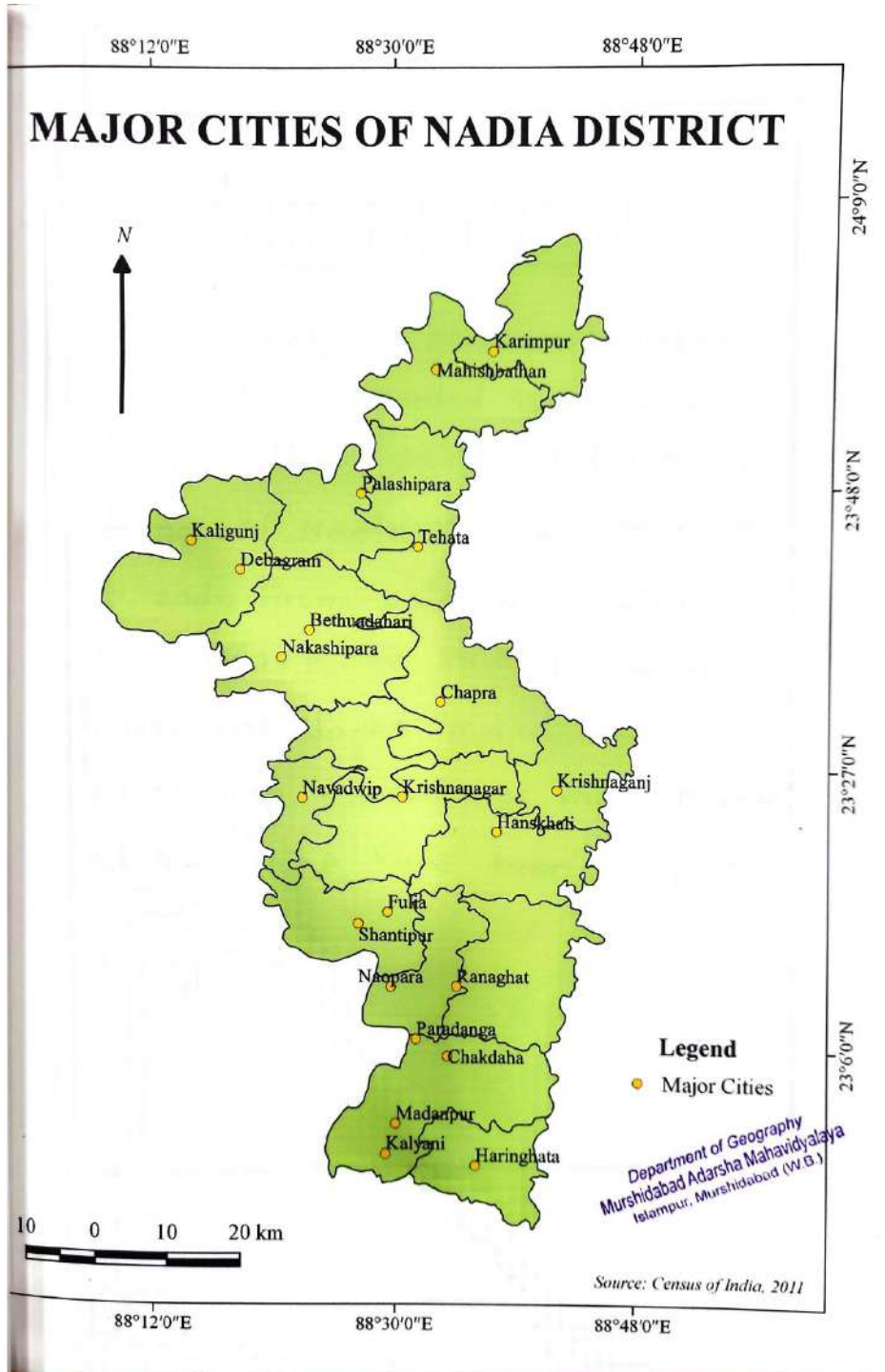
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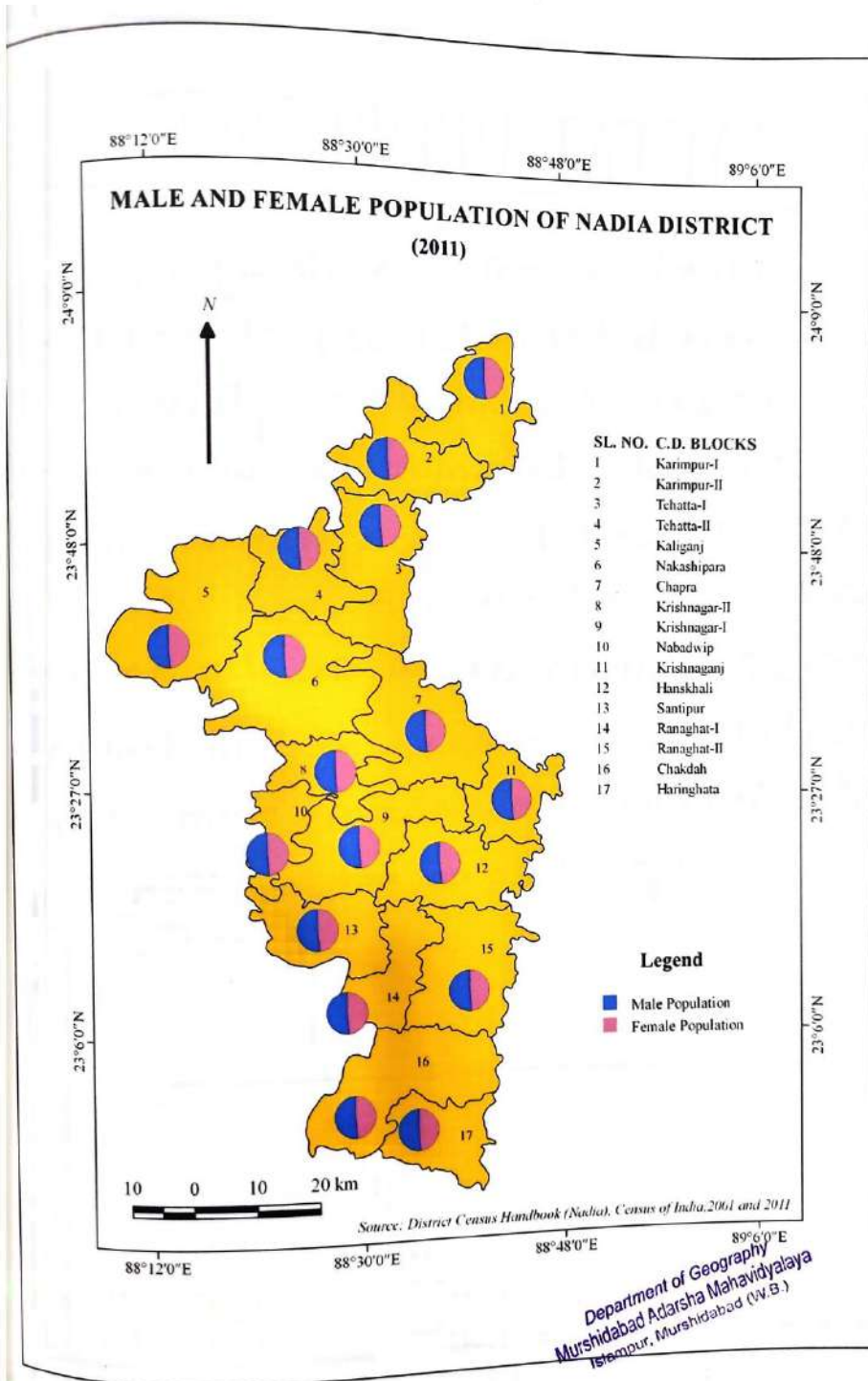
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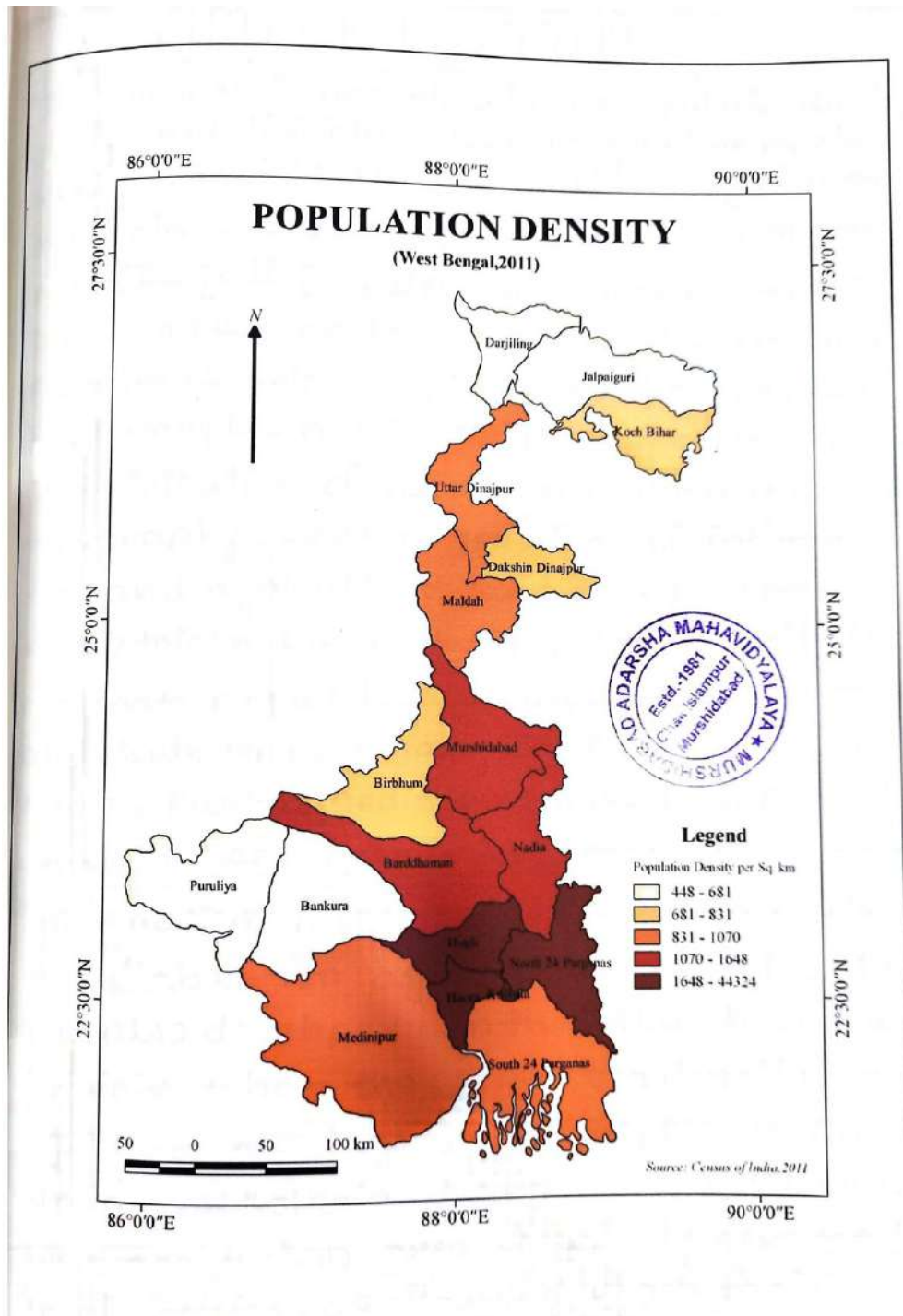
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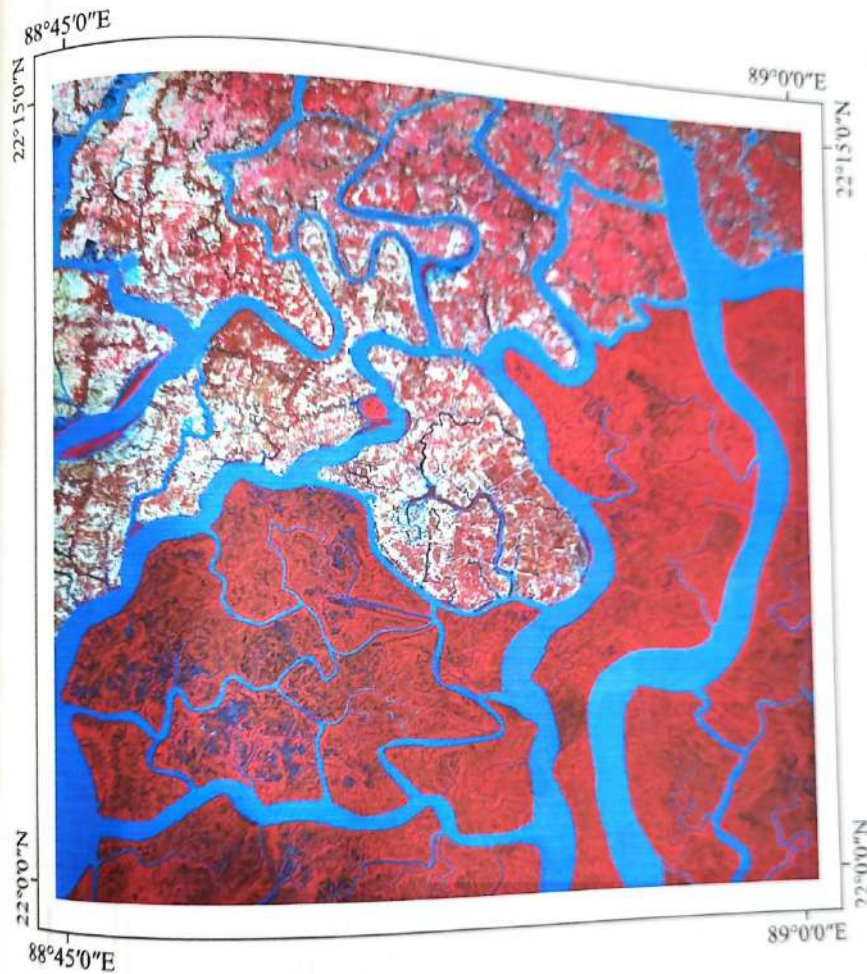
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Date: \_\_\_/\_\_\_/\_\_\_

## LISS-III IMAGE OF SUNDARBAN



5 0 5 10 km

Source: LISS-III Satellite Imagery (F45K16)  
Acquisition Date: 25 November 2011

Department of Geography  
Murshidabad Adarsha Mahavidyalaya  
Islampur, Murshidabad (W.B.)

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**B.A. HONOURS SEMESTER-III EXAMINATION (3 YEAR DEGREE COURSE)**

NAME- AHASANUL HABIB

REGN NO. :073417      SESSION : 2021-2022

ROLL NO. : 3113229-2172906

COMPUTER BASICS AND COMPUTER APPLICATIONS IN GEOGRAPHY



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## SCATTER DIAGRAM

A useful application of statistics is to describe the relationship between variables measured from a common sample of individuals. When the relationship is quantitative in nature, the most appropriate statistical method of identifying and measuring the relationship and expressing it in equation form is known as correlation.

Normally the relationship between two variables is shown by a scatter graph. It represents the scatter of points plotted by the Y-values corresponding to the respective X-values. Usually the independent variable is taken on the X-axis and the dependent variable is taken on the Y-axis.

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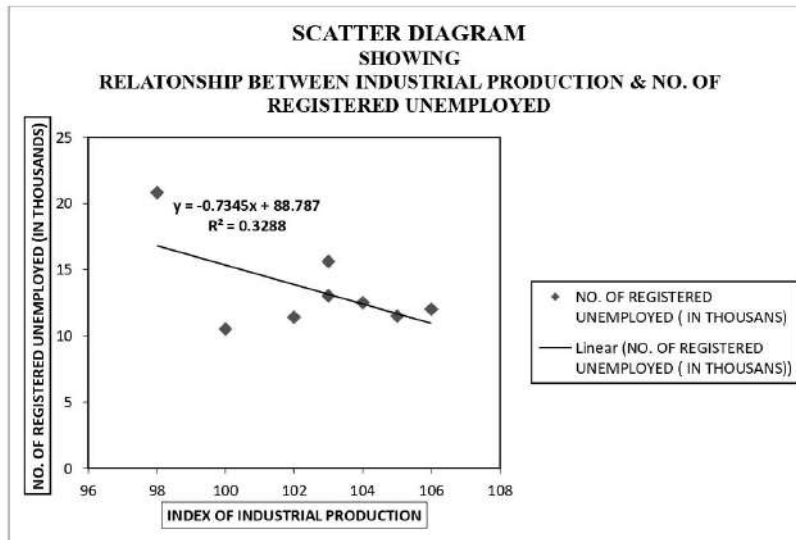
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Q. The following table gives the index numbers of industrial production in a country and the number of registered unemployed persons in the same country during the eight consecutive years.

- Construct a Scatter diagram from data sets.
- Fit a Trend Line

YEAR	INDEX OF INDUSTRIAL PRODUCTION	NO. OF REGISTERED UNEMPLOYED (IN THOUSANDS)
1954	100	10.5
1955	102	11.4
1956	103	13
1957	105	11.5
1958	106	12
1959	104	12.5
1960	103	15.6
1961	98	20.8



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## HISTOGRAM

Histogram is the most common form of diagrammatic presentation of a group frequency distribution. It consists of a set of adjoining rectangles drawn on a horizontal base line, with areas proportional to the class frequencies. The width of rectangles, one for each class, extends over the class boundaries shown on the horizontal scale. When all classes have equal width, the heights of rectangles will be proportional to the class frequencies and it is then customary to take the heights numerically equal to the class frequencies. If however, the class is of unequal width, the heights must be proportional to the frequency distribution.

Although vertical bar chart and histogram may appear somewhat alike, the main point of difference is the distribution between bars. But, the bar diagram must have equal spaces left between the consecutive rectangular bars.

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Q. The following are the spot height of a particular region are given below:

56	53	89	66	73
79	68	70	74	77
74	72	68	75	79
67	72	69	65	84
92	56	65	71	62
70	73	57	86	81
63	70	76	62	75
86	91	82	80	72
84	61	76	70	76
80	80	78	65	72
67	69	58	62	73
74	70	72	64	74

- A) Group the data into a frequency distribution table with a suitable class interval.  
B) Draw a Histogram with the help of the data.

❖ Array Data:

53	56	56	57	58
61	62	62	62	63
64	65	65	65	66
67	67	68	68	69
69	70	70	70	70
70	71	72	72	72
72	72	73	73	73
74	74	74	74	75
75	76	76	76	77
78	79	79	80	80
80	81	82	84	84
86	86	89	91	92

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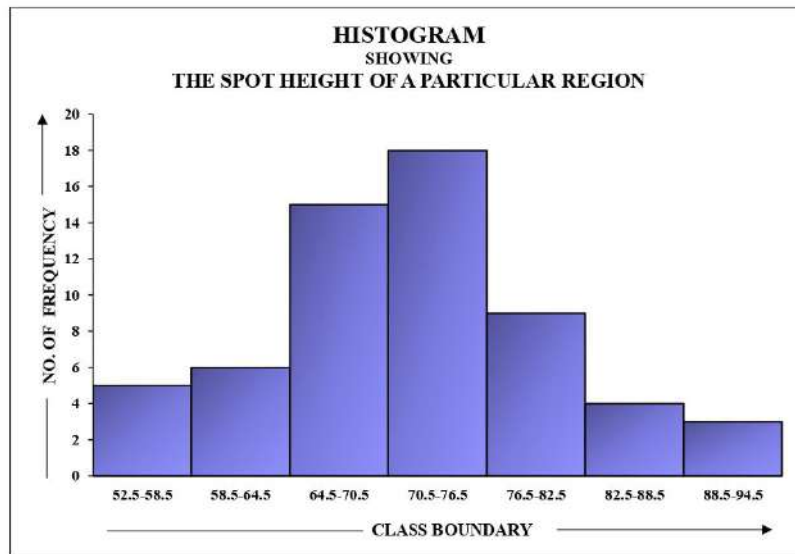
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Table No.4 : Calculation table for frequency distribution

CLASS LIMIT		CLASS BOUNDARY		CLASS WIDTH (I)	FREQUENCY (F)
LOWER	UPPER	LOWER	UPPER		
53	58	52.5	58.5	6	5
59	64	58.5	64.5	6	6
65	70	64.5	70.5	6	15
71	76	70.5	76.5	6	18
77	82	76.5	82.5	6	9
83	88	82.5	88.5	6	4
89	94	88.5	94.5	6	3
					Total = 60

Source: Supplied data



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## MURSHIDABAD ADARSHA MAHAVIDYALAYA DEPARTMENT OF GEOGRAPHY

### ● Computer Laboratory Work:

Students of 3rd and 5th semesters of the Department of Geography do Computer applications and RS-GIS Works of SEC/01/A and CC/P/12.



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