

**Enrolment List:**

<b>Sl. No</b>	<b>Roll No</b>	<b>Name</b>
1	4	Chandika Sonowal
2	28	Riti Saikia
3	32	Janmoni Doley
4	33	Sewabrat Dutta
5	44	Samikshya Borah
6	47	Jyoti Bhuyan
7	49	Priyanka Saikia
8	52	Borasha Borah
9	57	Shanti Boruah
10	58	Bobi Nath
11	61	Jayanta Madhab Gohain
12	64	Nimisha Dutta
13	77	Santosh Sonowal
14	83	Monalisha Sonowal
15	85	Ranjan Das
16	90	Gargee Nath
17	94	Gitika Borah
18	95	Dulumoni Sonowal
19	100	Junmi Dutta
20	103	Tanaya Borah
21	115	Parismita Saikia
22	116	Suniya Das
23	128	Pranjal Chutia
24	129	Rahul Doley
25	131	Pallabi Hazarika
26	141	Rupjyoti Gogoi
27	165	Dibyajyoti Saikia
28	204	Mridusmita Doley

**Enrolment Forms:**

**Admission Form for Add on Course “Data Analysis in SPSS”**



**Department of Education**

**L.T.K. College, Azad, North Lakhimpur**

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Fill in Block Letters:

Name:

Guardian's Name:

Department:

Semester:

Date of Birth:

Gender:

Email Id:

Phone No:

Communication Address:

Paste  
Your  
Photo

Declaration by the Student: I do hereby declare that the above information is true to the best of my knowledge.

Date:

Signature of the Student

**Money Receipts:**

**Money Receipt for Add on Course “Data Analysis in SPSS”**

**Department of Education, L.T.K. College, Azad, North Lakhimpur, Assam**

Receipt No:

Date:

Name:

Department:

Roll No:

Amount:

Signature of Teacher

Signature of Student

**Question Papers:**

**Education Department Add On Course (Theoretical) Final Examination, 2022**

**Department: Education Department of L.T.K. College**

**Class: B.A. 2<sup>nd</sup> Semester**

**Paper Title: Data Analysis in SPSS**

**Full Marks: 40**

**Time: 90 Minutes**

**1. Answer the Following Questions:** 1X5=5

- a. What is Data?
- b. Write down one difference between bar diagram and histogram?
- c. Give one example of nominal scale.
- d. Who invented the product moment method?
- e. F-test helps us to see the difference between two groups-True or False.

**2. Write Briefly on the following points (Any Three):** 5X3=15

- a. Concept of t-test
- b. Scales of measurement
- c. Meaning of Hypothesis
- d. Types of F-test
- e. Co-relation of co-efficient

**3. What is normal probability curve? Discuss the characteristics of normal probability curve.**

3+7=10

**4. Describe the benefits of using mean and median.** 5+5=10

**Education Department Add On Course (Practical) Final Examination, 2022**

**Department: Education Department of L.T.K. College**

**Class: B.A. 2<sup>nd</sup> Semester**

**Paper Title: Data Analysis in SPSS**

**Full Marks: 50**

**Time: 2 Hours**

1. A researcher has collected data from 50 students about different variables such as gender, location, caste, attitude, academic achievement in order to conduct a study. For better visualization of data, the researcher need to use different descriptive statistics as well as inferential statistics. For this research, the researcher formulated different hypotheses which need to be tested and proper interpretation is needed. Some Examples of null hypotheses are:

H<sub>0</sub>1: There is no significant difference between rural and urban students in respect to their attitude.

H<sub>0</sub>2: There is no significant difference among the caste of different students in respect to their academic achievement.

H<sub>0</sub>3: There is no significant relationship between the academic achievement and attitude score of the students.

In such a situation, you need to find out descriptive statistics (mean, median, mode, range, maximum score, minimum score, frequencies, cumulative percentage, bar diagram), independent sample t-test, one-way ANOVA, PEARSON co-relation from the following data and give proper interpretation of these results:

(Marking Pattern: Data Entry in SPSS: 15, Descriptive Statistics: 20, independent sample t-test:5, One-way ANOVA: 5, PEARSON co-relation: 5)

Sl. No.	Name	Caste	Location	Attitude_Score	Academic_Achievement_Score
1	A	SC	Rural	65	65
2	B	SC	Urban	76	74
3	C	SC	Rural	67	68
4	D	SC	Urban	68	68
5	E	SC	Rural	72	70
6	F	SC	Urban	74	74

7	G	ST	Rural	75	76
8	H	ST	Urban	82	84
9	I	ST	Urban	45	47
10	J	ST	Urban	43	44
11	K	ST	Urban	65	66
12	L	ST	Urban	76	79
13	M	ST	Urban	67	65
14	N	ST	Urban	68	74
15	O	ST	Rural	72	73
16	P	ST	Rural	74	80
17	Q	ST	Rural	75	80
18	R	ST	Rural	82	84
19	S	OBC	Rural	45	49
20	T	OBC	Rural	43	48
21	U	OBC	Rural	78	79
22	V	OBC	Rural	65	68
23	W	OBC	Rural	42	47
24	X	OBC	Rural	56	59
25	Y	OBC	Rural	64	68
26	Z	OBC	Urban	38	41
27	AA	General	Urban	40	38
28	AB	General	Urban	41	46
29	AC	General	Urban	42	45
30	AD	General	Urban	47	49
31	AE	General	Rural	53	54
32	AF	General	Rural	53	56
33	AG	General	Rural	59	60
34	AH	General	Urban	60	62
35	AI	General	Urban	61	64
36	AJ	General	Urban	62	64
37	AK	General	Urban	43	45
38	AL	General	Urban	41	43
39	AM	General	Urban	38	39
40	AN	General	Rural	40	43
41	AO	General	Rural	41	43
42	AP	General	Rural	42	46
43	AQ	General	Rural	47	50
44	AR	General	Rural	53	54
45	AS	EWS	Rural	68	69
46	AT	EWS	Rural	64	62
47	AU	EWS	Rural	76	77
48	AV	EWS	Rural	69	70
49	AW	General	Rural	65	66
50	AX	EWS	Urban	78	80