

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. III (Semester-V)
Session: - 2022 - 2023
Unit Test I**

**Name of the Teacher: - Shivani U. Patil
Subject :- Statistics (Paper- I)**

**Date:9 /11/2022
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	AANCHAL GAIKWAD	A
2	AKSHADA GIRHE	18
3	ASHMI DATTA	A
4	BHAIRAVI CHAUHAN	8
5	BHAVNA GAIKWAD	12
6	CHARUSHREE MESHRAM	09
7	DHANSHREE NEHARE	10
8	HIMANSHI FULWANI	8
9	MADHVI SINGH	A
10	MANSI GOKHALE	7
11	MANSI HEDAOO	7
12	MAYURI MADANKAR	9
13	NAINAL SHANGONDAWAR	7
14	NEHA MOHATURE	13
15	NIKITA SAKHARKAR	12
16	POORVI GAJBHIYE	A
17	PORNIMA AWARI	A
18	PRIYA INGLE	14
20	RRENUKA CHORE	12
21	RINKU HATTEWAR	7
22	SAKSHI PURSWAMI	12
23	SAKSHI GUMGAONKAR	7
24	SAKSHI KALE	12
25	SEJAL SONULE	13
26	SHRADDHA WATH	A
27	SHRADDHA SALVE	11
28	SHRUTI KARANDE	15
29	SHRUSTI ZADE	15
30	TANVI KEDAR	10
31	VAISHNAVI DANGRE	A
32	VEDIKA POPHALI	13
33	VIDHI JAUHARI	7
34	VIDNYANI UMATHE	15
35	ADITYA GOUR	A
36	ARYAN PATIL	8
37	DIVYANSHU CHOUKSEY	15
38	JAYESH BORKAR	10
39	MRUNAL BENDARE	A
40	OM MANGLE	12

41	PIYUSH MESHRAM	10
42	PRAJWAL ALONE	A
43	PREM HINGWE	13
44	RANJIT RAUT	A
45	ROUNAK KSHIRSAGAR	7
46	VISHNU JOSHI	A



Signature of Teacher



**Head
Head**

**Department of Statistics
Shivaji Science College
Congress Nagar, Nagpur.**

Bachelor of Science (B.Sc.) Semester—V Examination 2022
STATISTICS
Unit Test –I
Semester V Paper—I

Time : Three Hours]

Maximum Marks : 20.

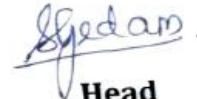
Date: 9/11/2022

NOTE: All questions carry equal marks

1. Explain control charts for mean and range , also define 3σ control limits.
- 2.. Describe Statistical Quality Control
3. Derive single sampling inspection plan, Find AOQ, ASN
4. Define i) AOQ ii) AOQL iii) LTPD iv) Producer's risk v) Consumer's risk.



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**Department of STATISTICS
Class :- B. Sc. III (Semester-V)**

Session: - 2022 - 2023

Unit Test II

Name of the Teacher: - Shivani U. Patil

Date: 22/11/2022

Subject :- Statistics (Paper- I)

Batch :- M8-M9(SCSM)

S.no.	Students Full Name	Unit Test Marks (out of 20)
2	AKSHADA GIRHE	19
3	ASHMI DATTA	10
4	BHAIRAVI CHAUHAN	12
5	BHAVNA GAIKWAD	10
6	CHARUSHREE MESHRAM	11
7	DHANSHREE NEHARE	11
8	HIMANSHI FULWANI	15
9	MADHVI SINGH	7
10	MANSI GOKHALE	13
11	MANSI HEDAOO	11
12	MAYURI MADANKAR	A
13	NAINAL SHANGONDAWAR	10
14	NEHA MOHATURE	14
15	NIKITA SAKHARKAR	10
16	POORVI GAJBHIYE	12
17	PORNIMA AWARI	11
18	PRIYA INGLE	7
20	RRENUKA CHORE	14
21	RINKU HATTEWAR	9
22	SAKSHI PURSWAMI	13
23	SAKSHI GUMGAONKAR	A
24	SAKSHI KALE	15
25	SEJAL SONULE	10
26	SHRADDHA WATH	A
27	SHRADDHA SALVE	13
28	SHRUTI KARANDE	15
29	SHRUSTI ZADE	7
30	TANVI KEDAR	14
31	VAISHNAVI DANGRE	9
32	VEDIKA POPHALI	8
33	VIDHI JAUHARI	A
34	VIDNYANI UMATHE	15
35	ADITYA GOUR	A
36	ARYAN PATIL	7
37	DIVYANSHU CHOUKSEY	14
38	JAYESH BORKAR	12
39	MRUNAL BENDARE	7
40	OM MANGLE	13
41	PIYUSH MESHRAM	11
42	PRAJWAL ALONE	A

43	PREM HINGWE	10
44	RANJIT RAUT	A
45	ROUNAK KSHIRSAGAR	10
46	VISHNU JOSHI	A



Signature of Teacher



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Bachelor of Science (B.Sc.) Semester—V Examination 2022
STATISTICS
Unit Test –II
Semester V Paper—I

Time : Three Hours]

Maximum Marks : 20.

Date: 22/11/2022

NOTE: All questions carry equal marks

1. Prove that any point on the line segment joining of two points in E_n can be expressed as a convex combination of the two points . Also prove its convex
2. Define i) basic feasible solution ii) Constraints iii) Non basic variables iv) bounded solution v) unbounded solution
3. State simplex algorithm
4. State the condition for non feasible solution to an LPP



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