

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur.  
Department of STATISTICS  
Class :- B. Sc. III ( Semester-V)  
Session: - 2023- 2024  
Unit Test I**

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

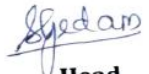
**Date: 03/10/2023  
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	ABHISHEK S NANOTY	A
2	AKSHAYA R IYER	16
3	ANCHAL SUR	10
4	ANJALI JAISWAL	10
5	ARYA G KADU	14
6	ASTHA KADU	12
7	AVANI V ADHAV	A
8	BHAVSH R KADWE	10
9	DARSHAN V DARVEKAR	A
10	DHRUVIKA O GOTMARE	9
11	DIYANKA M RAUT	A
12	EKTA V SANT	12
13	GUNJAN V MOURYA	16
14	HARSHITA S VARADE	9
15	HIMANSHU D RAMTEKE	8
16	ISHIKA S NAIK	10
17	ISHITA S SHRIVASTAVA	7
18	JANHAVI P DIWAKAR	8
20	JAYANT J HALDAR	A
21	KASHISH H BAWANGADE	13
22	MANSI D NANDANWAR	14
23	OM P DORLE	A
24	PARTH S VIRKHARE	15
25	PRANALI D DANDEKAR	14
26	PRANAV R BAGADE	11
27	PRIYA KUMARI PRASAD DEONATH	7
28	PRIYANKA M KHARWAR	A
29	RAJAT B TIWARI	16
30	RIYA R SINGH	9
31	ROHAN K NIMJE	9
32	SANJANA M GHATOLE	16
33	SARVAJEET P MASANWAR	A

34	SEJAL V SURUSE	A
35	SHRADDHA S SANDEL	10
36	SHRUTI R BHAGAT	10
37	SHRUTI S GAIKWAD	15
38	SHUBADA V KABULE	A
39	SUDHANSHU SAKARE	13
40	TRUPTI A MONDHE	16
41	VIDHAN R HEDA00	10
42	YUNAKSHI P KAROKAR	A

  
**Signature of Teacher**



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

**Bachelor of Science (B.Sc.) Semester—V Examination 2023**  
**STATISTICS**  
**Unit Test –I**  
**SemesterV Paper—I**

**Time : 45 minutes]**


**Maximum Marks : 20.**

**Date:03/10/2023**

- Q.1 What is statistical quality control?  
Q.2. Distinguish between assignable causes and chance causes.  
Q.3. Derive single sampling inspection plan.  
Q.4. Define i) producer's risk ii) consumer risk iii) A.Q.L. iv) LTPD

  
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Department of STATISTICS  
Class :- B. Sc. III ( Semester-V)  
Session: - 2023- 2024  
Unit Test II**

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


**Date: 31/10/2023  
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	ABHISHEK S NANOTY	A
2	AKSHAYA R IYER	15
3	ANCHAL SUR	10
4	ANJALI JAISWAL	12
5	ARYA G KADU	14
6	ASTHA KADU	12
7	AVANI V ADHAV	10
8	BHAVSH R KADWE	10
9	DARSHAN V DARVEKAR	A
10	DHRUVIKA O GOTMARE	9
11	DIYANKA M RAUT	A
12	EKTA V SANT	12
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29	RAJAT B TIWARI	16
30	RIYA R SINGH	9
31	ROHAN K NIMJE	9
32	SANJANA M GHATOLE	16

33	SARVAJEET P MASANWAR	A
34	SEJAL V SURUSE	A
35	SHRADDHA S SANDEL	10
36	SHRUTI R BHAGAT	10
37	SHRUTI S GAIKWAD	15
38	SHUBADA V KABULE	A
39	SUDHANSHU SAKARE	13
40	TRUPTI A MONDHE	16
41	VIDHAN R HEDAOO	10
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**Bachelor of Science (B.Sc.) Semester—V Examination 2023**  
**STATISTICS**  
**Unit Test –II**  
**Semester V Paper—I**

**Time : 45 minutes]**

**Maximum Marks : 20.**

**Date:31/10/2023**

Q.1 Prove that any point on the line segment joining two points in  $E_n$  can be expressed as a convex combination of the two points. Also prove its converse.


Q.2. State simplex algorithm

Q.3. Distinguish between simplex method and condensed simplex method.

Q.4. Define i) feasible ii) basic variables iii) non basic variables iv) Constraints.

  
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