

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.**

**Department of STATISTICS
Class :- B. Sc. III (Semester-V)
Session: - 2021 - 2022**

Unit Test I

**Name of the Teacher: - M. A. Pande
Subject :- Statistics (Paper- I)**

**Date: 05/10/2021
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	A. S. MISHRA	A
2	A. VIJAYKUMAR	15
3	B.V. SINDHAMWAR	12
4	CHINAR KURVE	A
5	HARSHA S. UKEY	16
6	J. G. GAYDHANE	15
7	KOMAL P. JOKYANI	15
8	M.S. KHAIRKAR	11
9	M.N. SELOKAR	10
10	PARIDHI A. SINGH	10
11	POOJA S. TELANG	7
12	PREETI RAI	A
13	R.M. GOSWAMI	9
14	RIYA RAI	8
15	RUSHIKA V. TIKOO	14
16	S.V. RAMBHAD	8
17	SHARVARI S. NATU	12
18	S. CHADOKAR	9
20	S.R. BHONDE	7
21	S.G. DANDEKAR	11
22	S.V. UGEMUGE	7
23	V. KALOKAR .	8
24	V.S. KULKARNI	13
25	V. WADSKAR .	A
26	A.C. MESHAM	16
27	AMAN AGRAWAL	15
28	C. D. MADHAVI	A
29	P.P. BAHARGHARE	13
30	S.S. DONGRE	8
31	SAYABAJ SHEIKH .	14
32	SHIVAM R. KAKDE	11
33	S.A.I. SHEIKH	14

M. Panade
Signature of Teacher



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

Bachelor of Science (B.Sc.) Semester—V Examination 2021
STATISTICS
Unit Test –I
Semester V Paper—I

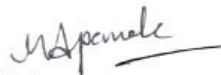
Time : 45 Minutes]

Maximum Marks : 20.


Date: 5/10/2021

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.


Signature of Teacher




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

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. III (Semester-V)
Session: - 2021 - 2022
Unit Test II**

**Name of the Teacher: - M. A. Pande
Subject :- Statistics (Paper- I)**

**Date: 05/10/2021
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	A. S. MISHRA	A
2	A. VIJAYKUMAR	15
3	B.V. SINDHAMWAR	12
4	CHINAR KURVE	A
5	HARSHA S. UKEY	16
6	J. G. GAYDHANE	15
7	KOMAL P. JOKYANI	15
8	M.S. KHAIRKAR	11
9	M.N. SELOKAR	10
10	PARIDHI A. SINGH	10
11	POOJA S. TELANG	7
12	PREETI RAI	A
13	R.M. GOSWAMI	9
14	RIYA RAI	8
15	RUSHIKA V. TIKOO	14
16	S.V. RAMBHAD	8
17	SHARVARI S. NATU	12
18	S. CHADOKAR	9
20	S.R. BHONDE	7
21	S.G. DANDEKAR	11
22	S.V. UGEMUGE	7
23	V. KALOKAR .	8
24	V.S. KULKARNI	13
25	V. WADSKAR .	A
26	A.C. MESHRAM	16
27	AMAN AGRAWAL	15
28	C. D. MADHAVI	A
29	P.P. BAHARGHARE	13
30	S.S. DONGRE	8
31	SAYABAJ SHEIKH .	14
32	SHIVAM R. KAKDE	11
33	S.A.I. SHEIKH	14

M. Panade
Signature of Teacher



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

Bachelor of Science (B.Sc.) Semester—V Examination 2021
STATISTICS
Unit Test –II
Semester V Paper—I

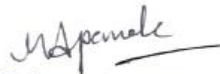
Time : 45 Minutes]

Maximum Marks : 20.


Date: 05/10/2021

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.


Signature of Teacher




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

