

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur.  
Department of STATISTICS  
Class :- B. Sc. III ( Semester-V)  
Session: - 2019 - 2020  
Unit Test I**

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

**Date:20/08/2019  
Batch :- M8-M9(SCSM)**

Sr.No.	Name of Students	Unit Test Marks
1	ANKUSH D. YEDE	A
2	ASHWINI S. MALHARE	17
3	DIPTI VIVEK VAIDYA	15
4	HARSHITA . KAPSE	17
5	HEMA R. GUPTA	8
6	KETKI R. SHENDE	A
7	KHUSHI R. SHARMA	11
8	MADHURA V. DUBEY	18
9	MANSI B. DOKRIMARE	13
10	NEETU M. DHARMARI	11
11	NITISHA R. PILLEWAN	13
12	PRANJALI . MIRALWAR	17
13	RADHIKA A. TIWARI	A
14	RUCHIKA . GOLAIT	8
15	SAUJANYA . YELMULE	10
16	SNEHA S. IKHAR	16
17	SWARDA S.H KAWARE	15
18	TANUJA D. LILHARE	14
19	UNNATI J. UKINKAR	16
20	AMEYA R. MHAISURKAR	12
21	BHUSHAN G.MESHRAM	A
22	H. B. SHARANAGAT	14
23	MAYANK . RAMTEKKAR	16
24	OMKAR UMESH LONDHE	15
25	PRATIK S. MULEY	10
26	P.D. RAKHADE	19
27	SANKET R. TOPLÉ	19
28	S.A. DESHPANDE	A
29	SUBODH N. CHAUDHARI	16
30	YOGESH R. WAGHODE	9

*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 2019**  
**STATISTICS**  
**Unit Test –I**  
**Semester V Paper—I**

**Time : 45 minutes]**


**Maximum Marks : 20.**

**Date: 20/08/2019**

- 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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**Shri Shivaji Education Society Amravati's  
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Department of STATISTICS  
Class :- B. Sc. III ( Semester-V)  
Session: - 2019 - 2020  
Unit Test II**

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

**Date: 23/11/2019  
Batch :- M8-M9(SCSM)**

Sr.No.	Name of Students	Unit Test Marks
1	ANKUSH D. YEDE	A
2	ASHWINI S. MALHARE	17
3	DIPTI VIVEK VAIDYA	15
4	HARSHITA . KAPSE	A
5	HEMA R. GUPTA	8
6	KETKI R. SHENDE	7
7	KHUSHI R. SHARMA	11
8	MADHURA V. DUBEY	18
9	MANSI B. DOKRIMARE	13
10	NEETU M. DHARMARI	11
11	NITISHA R. PILLEWAN	13
12	PRANJALI . MIRALWAR	17
13	RADHIKA A. TIWARI	A
14	RUCHIKA . GOLAIT	8
15	SAUJANYA . YELMULE	A
16	SNEHA S. IKHAR	16
17	SWARDA S.H KAWARE	15
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19	UNNATI J. UKINKAR	16
20	AMEYA R. MHAISURKAR	12
21	BHUSHAN G.MESHRAM	A
22	H. B. SHARANAGAT	14
23	MAYANK . RAMTEKKAR	16
24	OMKAR UMESH LONDHE	15
25	PRATIK S. MULEY	10
26	P.D. RAKHADE	19
27	SANKET R. TOPLÉ	19
28	S.A. DESHPANDE	16
29	SUBODH N. CHAUDHARI	16
30	YOGESH R. WAGHODE	9

*M. Panale*  
**Signature of Teacher**



*M. Panale*  
**Head**  
**Head**  
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**Congress Nagar, Nagpur**

**Bachelor of Science (B.Sc.) Semester—V Examination 2019**  
**STATISTICS**  
**Unit Test –II**  
**Semester V Paper—I**

**Time : 45 minutes]**

**Maximum Marks : 20.**

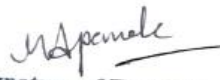
**Date: 23/11/2019**

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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