

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. III (Semester-VI)
Session: - 2020 - 2021
Unit Test I**

**Name of the Teacher: - V. Chainani
Subject :- Statistics (Paper- II)**

**Date: 26/03/2021
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	ADITI RAJENDRA MUDGAL	8
2	AKANKSHA ANIL SINHA	6
3	DIVYA PUNARAM ARBAT	A
4	HIMALI NIWAS HALMARE	5
5	KETKI KUNAL KALE	7
6	MANSI NITIN ELGUNDE	A
7	MRUNAL R. MALOKAR	5
8	NAYNA ANAND KALBANDE	9
9	PRANJALI PRAVIN KADOO	15
10	SAMIDHA P. DESHMUKH	A
11	SAMRUDDHI A.LOKHANDE	12
12	SANYOGITA SANJAY GUPTA	14
13	S.P. SHINGANJUDE	A
14	S. VIJAY GHARPURE	12
15	SRUSHTI VINOD GHARPURE	16
16	TANYA RAJU KALEWAR	7
17	VAIBHAVI JITENDRA TANNA	9
18	VAIBHAVI PRASHANT KALE	6
20	VAISHNAVI A. HIWASE	A
21	VRUSHALI SANTOSH YEDME	5
22	ABHISHEK ANIL AGRAWAL	A
23	DEVESH GAJESH BOBDE	7
24	HOMESH LALIT PARDHI	16
25	MAYUR DAMODHAR DEOLE	A
26	PRAFUL KISHOR DANGRE	14
27	SHUBHAM S. AGLAWE	A
28	SHUBHAM S. PALTANKAR	8
29	SUDHANSHU M. JOSHI	16
30	TARSH M. PATEL	8
31	TEJAS P. TOTADE	A
32	VISHAL R. WARTHI	10
33	V. NANDKISHOR NAGHATE	A

Ahainani

Signature of Teacher



M. Panale

Head

Head

Department of Statistics
Shivaji Science College
Congress Nagar, Nagpur

Bachelor of Science (B.Sc.) Semester—VI Examination 2021

STATISTICS

Unit Test –I

Semester VI Paper—II

Time: 45 min]

Maximum Marks: 20.

Date: 26/03/2021

NOTE: All questions carry equal marks

Give the complete statistical analysis of two way classified data with one observation per cell.

2 Give complete analysis of one–way classified data with equal number of entries in each class.

1. Give a layout of a C.R.D. and explain the situations when it is used. Discuss its merits and demerits. State the mathematical model and describe various terms involved in it. Write the ANOVA table.

2. Discuss the three principles of design of experiments. What are uniformity trials ? Explain their use.

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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. III (Semester-VI)
Session: - 2020 - 2021
Unit Test II**

**Name of the Teacher: - V. Chainani
Subject :- Statistics (Paper- II)**

**Date: 28/04/2021
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	ADITI RAJENDRA MUDGAL	A
2	AKANKSHA ANIL SINHA	9
3	DIVYA PUNARAM ARBAT	14
4	HIMALI NIWAS HALMARE	A
5	KETKI KUNAL KALE	8
6	MANSI NITIN ELGUNDE	16
7	MRUNAL R. MALOKAR	A
8	NAYNA ANAND KALBANDE	11
9	PRANJALI PRAVIN KADOO	8
10	SAMIDHA P. DESHMUKH	5
11	SAMRUDDHI A.LOKHANDE	13
12	SANYOGITA SANJAY GUPTA	11
13	S.P. SHINGANJUDE	A
14	S. VIJAY GHARPURE	A
15	SRUSHTI VINOD GHARPURE	A
16	TANYA RAJU KALEWAR	5
17	VAIBHAVI JITENDRA TANNA	15
18	VAIBHAVI PRASHANT KALE	A
20	VAISHNAVI A. HIWASE	8
21	VRUSHALI SANTOSH YEDME	7
22	ABHISHEK ANIL AGRAWAL	A
23	DEVESH GAJESH BOBDE	11
24	HOMESH LALIT PARDHI	A
25	MAYUR DAMODHAR DEOLE	A
26	PRAFUL KISHOR DANGRE	10
27	SHUBHAM S. AGLAWE	12
28	SHUBHAM S. PALTANKAR	5
29	SUDHANSHU M. JOSHI	14
30	TARSH M. PATEL	8
31	TEJAS P. TOTADE	A
32	VISHAL R. WARTHI	A
33	V. NANDKISHOR NAGHATE	A

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Bachelor of Science (B.Sc.) Semester—VI Examination 2021

STATISTICS

Unit Test –II

Semester VI Paper—II

Time: 45 min]

Maximum Marks : 20.

Date: 28/04/2021

NOTE: All questions carry equal marks

What is meant by a randomized block design? Give the analysis of variance for the design

2 State the mathematical model of LSD. Give the assumptions and applications of LSD in field experimentations. Give the ANOVA table for LSD.

3. Show that in a 2³-factorial experiment, main effects A, B and C are orthogonal to each other.

Explain yate's method of calculating factorial effect totals in a 2³-factorial experiment.

4. Carry out complete statistical analysis of a 2²- factorial experiment arranged in RBD.

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