

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. III (Semester-VI)
Session: - 2018 - 2019
Unit Test I**

**Name of the Teacher: - Dr.S.S.Paliwal
Subject :- Statistics (Paper- II)**

**Date: 25/02/2019
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	NANDINI R. JAIN	A
2	ROHINI B. POTE	9
3	SHIVANI S. AGRAWAL	18
4	NAINA B. YADAV	7
5	MANALI S. JAIN	A
6	SHRUSHTI A. KARHE	9
7	KOMAL S. BALBUDHE	A
8	POONAM D. YADAV	A
9	SWATI S.MISHRA	8
10	BHAGYASHRI D KARMENGE	6
11	ADITI P. BAGADDEO	17
12	RIYA G. ANWANE	A
13	ROSHNI R. KAMBLE	18
14	AFREEN A. BAIG	A
15	MRUNALI V. PATIL	15
16	RINKY S. GUPTA	8
17	SAKSHI H. BORKAR	11
18	SAURABH H. SHENDE	A
19	VAISHANAVI P. UMBARKAR	A
20	KUNAL A. SHEREKAR	A
21	JANVI N. RANDIVE	8
22	UTKARSHA V. HARDE	16
23	ANUJ A. DEO	A
24	ANSHUL D. JAIN	A
25	YATILESH D. MOHALE	13
26	POOJA G. HANDE	6
27	MRUDUL M. KODARLIKAR	A
28	SHUBHAM S. JAWKAR	7
29	SHIWANI S. THAKRE	A
30	PRIYA D. WALDE	A
31	POOJA S. MISAL	11
32	VRUSHALI V. KHANGAR	A

Seveef

Signature of Teacher



M. P. Manele

Head

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

Bachelor of Science (B.Sc.) Semester—VI Examination 2019

STATISTICS

Unit Test –I

Semester VI Paper—II

Time: 45 min]

Maximum Marks: 20.

Date: 25/02/2019

NOTE: All questions carry equal marks

- 1 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: - 2018 - 2019
Unit Test II**

**Name of the Teacher: - Dr.S.S.Paliwal
Subject :- Statistics (Paper- II)**

**Date: 18/03/2019
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	NANDINI R. JAIN	A
2	ROHINI B. POTE	6
3	SHIVANI S. AGRAWAL	A
4	NAINA B. YADAV	A
5	MANALI S. JAIN	A
6	SHRUSHTI A. KARHE	17
7	KOMAL S. BALBUDHE	8
8	POONAM D. YADAV	A
9	SWATI S.MISHRA	16
10	BHAGYASHRI D KARMENGE	A
11	ADITI P. BAGADDEO	A
12	RIYA G. ANWANE	17
13	ROSHNI R. KAMBLE	6
14	AFREEN A. BAIG	11
15	MRUNALI V. PATIL	A
16	RINKY S. GUPTA	A
17	SAKSHI H. BORKAR	14
18	SAURABH H. SHENDE	7
19	VAISHANAVI P. UMBARKAR	10
20	KUNAL A. SHEREKAR	11
21	JANVI N. RANDIVE	7
22	UTKARSHA V. HARDE	A
23	ANUJ A. DEO	9
24	ANSHUL D. JAIN	A
25	YATILESH D. MOHALE	9
26	POOJA G. HANDE	A
27	MRUDUL M. KODARLIKAR	11
28	SHUBHAM S. JAWKAR	10
29	SHIWANI S. THAKRE	A
30	PRIYA D. WALDE	6
31	POOJA S. MISAL	A
32	VRUSHALI V. KHANGAR	A

Seveef

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Bachelor of Science (B.Sc.) Semester—VI Examination 2019

STATISTICS

Unit Test –II

Semester VI Paper—II

Time: 45 min]

Maximum Marks : 20.

Date: 18/03/2019

NOTE: All questions carry equal marks

- 1 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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