

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

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

**Date: 02/04/2021
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—IV Examination 2021
STATISTICS
Unit Test –I
Semester IV Paper—I


Time : 45 Minutes]

Maximum Marks : 20.


Date: 02/04/2021

NOTE: All questions carry equal marks

1. Explain point estimation and state difference the terms estimate, estimator and estimation.
2. Explain testing of hypothesis and also explain types of error in hypothesis.
3. Explain confidence interval, limits and also explain power of the test.
4. Derive F test for the difference of variance and construct $100(1-\alpha)\%$ of confidence interval.


Signature of Teacher




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**Department of STATISTICS
Class :- B. Sc. II (Semester-IV)**

Session: - 2020 - 2021

Unit Test II

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

Date: 29/04/2021
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
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Bachelor of Science (B.Sc.) Semester—IV Examination 2021
STATISTICS
Unit Test –II
Semester IV Paper—I

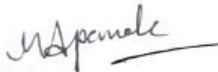
Time : 45 Minutes]

Maximum Marks : 20.


Date: 29/04/2021

NOTE: All questions carry equal marks

1. Explain the chi square test for testing independence of attributes in $(r \times s)$ contingency table.
2. Explain the chi square test for testing the homogeneity of population.
3. Define central limit theorem also explain its test criteria
4. Explain the large sample test for testing the equality of two population mean at level of significance. When population are unknown.


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