

**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. II (Semester-IV)
Session: - 2023 - 2024
Unit Test I**

**Name of the Teacher: -Shivani U. Patil
Subject :- Statistics (Paper- I)**

**Date: 16/03/2024
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	BANGRE ARPIT MANOJ	A
2	BATWE HRUSHIKESH SANJAY	10
3	BISEN SAGAR ARUN	15
4	KU.BISWAS APARAJITA APURBA	13
5	KU.BHAYDE PRATEEKSHA PRAVIN	A
6	BHENDARKAR KHUSHRANG JAIPRAKASH	10
7	KU.BHUJADE RUTUJA RAJRNDRA	11
8	CHOUHAN SOMAY SATISH	10
9	DEWANGAN MAHANDRA GANESH	A
10	KU.DUDHANKAR RUPALI RAJESH	8
11	FULMALI HITESH SANTOSH	7
12	GAJBHIYE YASH RAJU	8
13	KU GAWANDE AMRUTA VIJAY	16
14	KU GAWANDE NEHA GAJENDRA	7
15	KU GONDANE ISHA DINESH	A
16	KU.GUPTA VAISHNAVI BHARAT	14
17	KU.GUPTA PRINCY ASHOK	9
18	INGLE AJINKYA MAHENDRA	12
19	KU.LICHADE AYUSHI KRISHNA	11
20	KU.LOKHANDE AKANSHA ARVIND	14
21	KU KARANDE ASTHA GANGADHAR	12
22	KHAN FAISAL NAYEEMUDDIN	A
23	KHODE YASH SANJAY	A
24	KU.KUITE ANUSHKA VINOD	13
25	KU.MOHADIKAR AKSHITA PUSHPARAJ	8
26	KUNAGARIKAR ANUJA JAYANT	14
27	KU.PANDEY KAMAL BRIJESH	8
28	KU.PARATE PRANJAL JEEVAN	13
29	KU.RAUT RAKSHA GAJANAN	8
30	KU.SATFALE RAKSHA SANJAY	17
31	KU.SINGALWAR FALGUNI ANIL	14
32	TIWARI SHUBHAM	A
33	TOMAR ATHARVA JITENDRA	11
34	WAGDE ASHLESHA YUVRAJ	12
35	WAGHE SAKSHI SANDIP	11



Signature of Teacher



**Head
Head**

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

Bachelor of Science (B.Sc.) Semester—IV Examination 2024
STATISTICS
Unit Test -I
Semester IV Paper—I

Time :45 minutes]

Maximum Marks : 20.

Date:16/03/2024

Q1. Explain characteristics of estimation with example.

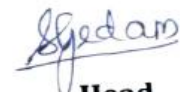
Q.2 Define i) point estimation ii) Testing of hypothesis iii) Interval confidence

Q.3. Explain the mean of univariate normal distribution with unknown variance with 100 (1- α) % of confidence interval.

Q4. State the assumption. Explain small sample test for testing specified values of a population variance assume the population mean is unknown.


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**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. II (Semester-IV)
Session: - 2023 - 2024
Unit Test II**

**Name of the Teacher: -Shivani U. Patil
Subject :- Statistics (Paper- I)**

**Date: 23/03/2024
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks (out of 20)
1	BANGRE ARPIT MANOJ	A
2	BATWE HRUSHIKESH SANJAY	10
3	BISEN SAGAR ARUN	A
4	KU.BISWAS APARAJITA APURBA	13
5	KU.BHAYDE PRATEEKSHA PRAVIN	A
6	BHENDARKAR KHUSHRANG JAIPRAKASH	10
7	KU.BHUJADE RUTUJA RAJRNDRA	11
8	CHOUHAN SOMAY SATISH	10
9	DEWANGAN MAHANDRA GANESH	A
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21	KU KARANDE ASTHA GANGADHAR	12
22	KHAN FAISAL NAYEEMUDDIN	A
23	KHODE YASH SANJAY	A
24	KU.KUITE ANUSHKA VINOD	13
25	KU.MOHADIKAR AKSHITA PUSHPARAJ	8
26	KUNAGARIKAR ANUJA JAYANT	14
27	KU.PANDEY KAMAL BRIJESH	8
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29	KU.RAUT RAKSHA GAJANAN	8
30	KU.SATFALE RAKSHA SANJAY	17
31	KU.SINGALWAR FALGUNI ANIL	14
32	TIWARI SHUBHAM	A
33	TOMAR ATHARVA JITENDRA	11
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Bachelor of Science (B.Sc.) Semester—IV Examination 2024
STATISTICS
Unit Test –II
Semester IV Paper—I

Time : 45 minutes]

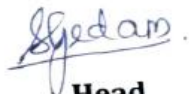
Maximum Marks : 20.

Date:23/03/2024

- Q1. Explain Brandth snedecor's $2 \times K$ contingency table of chi square distribution.
- Q.2. Write application of chi square distribution and its assumption.
- Q.3. Explain the goodness of fit of chi square distribution.
- Q.4 Explain central limit theorem, define large sample test.


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