

**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur.  
Department of STATISTICS  
Class :- B. Sc. II ( Semester-IV)  
Session: - 2021 - 2022  
Unit Test I**

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

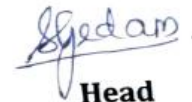
**Date: 8/04/2022  
Batch :- M8-M9(SCSM)**

<b>S.no.</b>	<b>Students Full Name</b>	<b>Unit Test Marks(out of 20)</b>
1	AANCHAL GAIKWAD	A
2	AKSHADA GIRHE	13
3	ASHMI DATTA	A
4	BHAIRAVI CHAUHAN	8
5	BHAVNA GAIKWAD	10
6	CHARUSHREE MESHRAM	17
7	DHANSHREE NEHARE	8
8	HIMANSHI FULWANI	6
9	MADHVI SINGH	13
10	MANSI GOKHALE	10
11	MANSI HEDAHO	14
12	MAYURI MADANKAR	8
13	NAINAL SHANGONDAWAR	7
14	NEHA MOHATURE	17
15	NIKITA SAKHARKAR	12
16	POORVI GAJBHIYE	6
17	PORNIMA AWARI	A
18	PRIYA INGLE	10
19	PURVA LANDGE	A
20	RRENUKA CHORE	13
21	RINKU HATTEWAR	16
22	SAKSHI PURSWAMI	7
23	SAKSHI GUMGAONKAR	11
24	SAKSHI KALE	6
25	SEJAL SONULE	8
26	SHRADDHA WATH	A
27	SHRADDHA SALVE	13
28	SHRUTI KARANDE	17
29	SHRUSTI ZADE	11
30	TANVI KEDAR	14
31	VAISHNAVI DANGRE	14
32	VEDIKA POPHALI	7
33	VIDHI JAUHARI	A
34	VIDNYANI UMATHE	9

35	ADITYA GOUR	10
36	ARYAN PATIL	A
37	DIVYANSHU CHOUKSEY	10
38	JAYESH BORKAR	9
39	MRUNAL BENDARE	A
40	OM MANGLE	7
41	PIYUSH MESHARAM	13
42	PRAJWAL ALONE	6
43	PREM HINGWE	17
44	RANJIT RAUT	6
45	ROUNAK KSHIRSAGAR	A
46	VISHNU JOSHI	10



**Signature of Teacher**



**Head  
Head**

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

**Bachelor of Science (B.Sc.) Semester—IV Examination 2022**

**STATISTICS**

**Unit Test –I**

**Semester IV Paper—I**

**Time : 45 Minutes]**

**Maximum Marks : 20.**

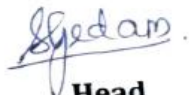
**Date: 08/04/2022**

**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**



  
**Head**  
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Department of STATISTICS  
Class :- B. Sc. II ( Semester-IV)  
Session: - 2021 - 2022  
Unit Test II**

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

**Date: 06/05/2022  
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	AANCHAL GAIKWAD	A
2	AKSHADA GIRHE	13
3	ASHMI DATTA	A
4	BHAIRAVI CHAUHAN	8
5	BHAVNA GAIKWAD	10
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**Bachelor of Science (B.Sc.) Semester—IV Examination 2022**  
**STATISTICS**  
**Unit Test –II**  
**Semester IV Paper—I**

**Time : 45 Minutes]**

**Maximum Marks : 20.**


**Date: 06/05/2022**

**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.

  
**Signature of Teacher**



  
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