


**Shri Shivaji Education Society Amravati's  
Science College, Congress Nagar, Nagpur.  
Department of STATISTICS  
Class :- B. Sc. II ( Semester-IV)  
Session: - 2017 - 2018  
Unit Test I**

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


**Date: 22/02/2018  
Batch :- M8-M9(SCSM)**

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

31	POOJA S. MISAL	8
32	VRUSHALI V. KHANGAR	19

  
**Signature of Teacher**



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

**Bachelor of Science (B.Sc.) Semester—IV Examination 2018**  
**STATISTICS**  
**Unit Test -I**  
**Semester IV Paper—I**

**Time :45 minutes]**

**Maximum Marks : 20.**


**Date: 22/02/2018**

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- $\alpha$ ) % 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.

  
Signature of Teacher



  
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**Shri Shivaji Education Society Amravati's  
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Department of STATISTICS  
Class :- B. Sc. II( Semester-IV)  
Session: - 2017 - 2018  
Unit Test II**

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


**Date: 20/04/2018  
Batch :- M8-M9(SCSM)**

sr.no.	Name of Students (SCSM)	Marks
1	NANDINI R. JAIN	19
2	ROHINI B. POTE	10
3	SHIVANI S. AGRAWAL	9
4	NAINA B. YADAV	A
5	MANALI S. JAIN	19
6	SHRUSHTI A. KARHE	14
7	KOMAL S. BALBUDHE	A
8	POONAM D. YADAV	13
9	SWATI S.MISHRA	10
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**Signature of Teacher**



  
**Head**  
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**Department of Statistics**  
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**Congress Nagar, Nagpur.**

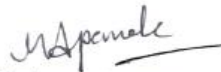
**Bachelor of Science (B.Sc.) Semester—IV Examination 2018**  
**STATISTICS**  
**Unit Test –II**  
**Semester IV Paper—I**

**Time : 45 minutes]**


**Maximum Marks : 20.**

**Date: 20/04/2018**

- Q1. Explain Brandtsnedecor'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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