

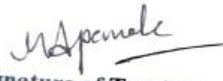
**Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. II (Semester-IV)
Session: - 2019 - 2020
Unit Test I**

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


**Date: 3/2/2020
Batch :- M8-M9(SCSM)**

Sr.No	Name of Students (SCSM)	Unit Test Marks
1	ADITI RAJENDRA MUDGAL	A
2	AKANKSHA ANIL SINHA	12
3	DIVYA PUNARAM ARBAT	19
4	HIMALI NIWAS HALMARE	10
5	KETKI KUNAL KALE	8
6	MANSI NITIN ELGUNDE	17
7	MRUNAL R. MALOKAR	15
8	NAYNA ANAND KALBANDE	12
9	PRANJALI PRAVIN KADOO	7
10	SAMIDHA P. DESHMUKH	14
11	SAMRUDDHI A.LOKHANDE	12
12	SANYOGITA SANJAY GUPTA	9
13	S.P. SHINGANJUDE	15
14	S. VIJAY GHARPURE	17
15	SRUSHTI VINOD GHARPURE	11
16	TANYA RAJU KALEWAR	13
17	VAIBHAVI JITENDRA TANNA	14
18	VAIBHAVI PRASHANT KALE	18
19	VAISHNAVI A. HIWASE	8
20	VRUSHALI SANTOSH YEDME	17
21	ABHISHEK ANIL AGRAWAL	A
22	DEVESH GAJESH BOBDE	19
23	HOMESH LALIT PARDHI	A
24	MAYUR DAMODHAR DEOLE	9
25	PRAFUL KISHOR DANGRE	12
26	SHUBHAM S. AGLAWE	14
27	SHUBHAM S. PALTANKAR	17
28	SUDHANSHU M. JOSHI	A
29	TARSH M. PATEL	17
30	TEJAS P. TOTADE	A

31	VISHAL R. WARTHI	15
32	V. NANDKISHOR NAGHATE	A


Signature of Teacher




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

Bachelor of Science (B.Sc.) Semester—IV Examination 2020
STATISTICS
Unit Test -I
Semester IV Paper—I

Time :45 minutes]

Maximum Marks : 20.


Date: 3/2/2020

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: - 2019 - 2020
Unit Test II**

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


**Date: 11/03/2020
Batch :- M8-M9(SCSM)**

Sr.No	Name of Students (SCSM)	Unit Test Marks
1	ADITI RAJENDRA MUDGAL	16
2	AKANKSHA ANIL SINHA	A
3	DIVYA PUNARAM ARBAT	19
4	HIMALI NIWAS HALMARE	10
5	KETKI KUNAL KALE	8
6	MANSI NITIN ELGUNDE	A
7	MRUNAL R. MALOKAR	15
8	NAYNA ANAND KALBANDE	12
9	PRANJALI PRAVIN KADOO	A
10	SAMIDHA P. DESHMUKH	14
11	SAMRUDDHI A.LOKHANDE	12
12	SANYOGITA SANJAY GUPTA	9
13	S.P. SHINGANJUDE	15
14	S. VIJAY GHARPURE	17
15	SRUSHTI VINOD GHARPURE	11
16	TANYA RAJU KALEWAR	13
17	VAIBHAVI JITENDRA TANNA	14
18	VAIBHAVI PRASHANT KALE	A
19	VAISHNAVI A. HIWASE	8
20	VRUSHALI SANTOSH YEDME	17
21	ABHISHEK ANIL AGRAWAL	11
22	DEVESH GAJESH BOBDE	19
23	HOMESH LALIT PARDHI	15
24	MAYUR DAMODHAR DEOLE	9
25	PRAFUL KISHOR DANGRE	12
26	SHUBHAM S. AGLAWE	14
27	SHUBHAM S. PALTANKAR	17
28	SUDHANSHU M. JOSHI	11
29	TARSH M. PATEL	A
30	TEJAS P. TOTADE	19

31	VISHAL R. WARTHI	A
32	V. NANDKISHOR NAGHATE	8


Signature of Teacher




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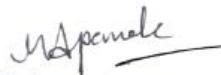
Bachelor of Science (B.Sc.) Semester—IV Examination 2020
STATISTICS
Unit Test –II
Semester IV Paper—I

Time : 45 minutes]


Maximum Marks : 20.

Date: 11/03/2020

- Q1. Explain Brandthsnedecor'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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