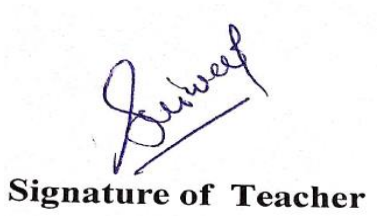
Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. I (Semester-II)
Session: - 2018 - 2019
Unit Test I

Name of the Teacher: - Dr.S.S.Paliwal **Date: 20/02/2019**
Subject :- Statistics (Paper- II) **Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	**PRANJALI PRAVIN KADOO**	11
2	**HOMESH LALIT PARDHI**	A
3	**VAIBHAVI PRASHANT KALE**	7
4	**SHRUSHTI VINOD GHARPURE**	7
5	**TEJAS PURUSHOTTAM TOTADE**	A
6	**VAISHNAVI ASHOKRAO HIWASE**	9
7	**MANSI NITIN ELGUNDE**	A
8	**SUDHANSHU MUKUND JOSHI**	17
9	**SANYOGITA SANJAY GUPTA**	14
10	**TANYA RAJU KALEWAR**	8
11	**AKANSHA ANIL SINHA**	9
12	**DIVYA PUNARAM ARBAT**	A
13	**PRAFUL KISHOR DANGRE**	16
14	**KETKI KUNAL KALE**	15
15	**NAYNA ANAND KALBANDE**	A
16	**HIMALI NIWAS HALMARE**	16
17	**VAIBHAVI JITENDRA TANNA**	A
18	**ADITI RAJENDRA MUDGAL**	9
19	**SAYALI P. SHINGANJUDE**	8
20	**SHUBHAM SUDHIR PALTANKAR**	A
21	**MRUNALRAJENDRA MALOKAR**	A
22	**SHARYUSHWARI V. GHARPURE**	12
23	**MAYUR DAMODHAR DEOLE**	A
24	**TARSH MAHESH KUMAR PATEL**	5
25	**VYANKATESH N. NAGHATE**	9
26	**SAMIDHA P. DESHMUKH**	15
27	**ABHISHEK ANIL AGRAWAL**	A
28	**VISHAL RAMCHANDRA WARTHI**	15
29	**DEVESH GAJESH BOBDE**	10
30	**DNYANESHWARI P. WAGHMARE**	9
31	**ABHISHEK SHRIKANT NANOTI**	A
32	**SHANTANU SANJAY DHONE**	9
33	**ASHLESHA AMARSINGH GUJAR**	9



Signature of Teacher

Head

Head
Department of Statistics
Shivaji Science College
Congress Nagar, Nagpur

Bachelor of Science (B.Sc.) Semester—II Examination 2019
STATISTICS
Unit Test -I
Semester II Paper—II

Time : 45 min] **Maximum Marks : 20**.

Date: 20/02/2019

NOTE: All questions carry equal marks

1. Define (i) Mean (ii) Median (iii) Mode for a set of observations corresponding to each of the above measures. Suggest a real life situation where its use is appropriate
2. Define mode of a frequency distribution. Derive the formula for mode of a grouped frequency distribution. State merits and demerits of mode as a measure of Central Tendency.
3. Derive an expression for pooled variance of two series of sizes n1 and n2 respectively.
4. Define Mean Deviation about an average A for a set of observations and state its merits and demerits.

Signature of Teacher

SEAL

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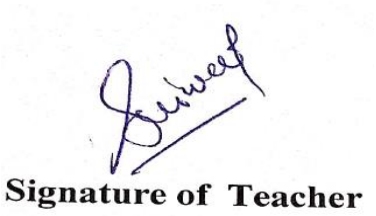
Congress Nagar, Nagpur

Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. I (Semester-II)
Session: - 2018 - 2019
Unit Test II

Name of the Teacher: - Dr.S.S.Paliwal **Date: 26/03/2019**
Subject :- Statistics (Paper- II) **Batch :- M8-M9(SCSM)**

S.no.	NAME OF STUDENTS	Unit Test Marks (out of 20)
1	PRANJALI PRAVIN KADOO	A
2	HOMESH LALIT PARDHI	15
3	VAIBHAVI PRASHANT KALE	A
4	SHRUSHTI VINOD GHARPURE	14
5	TEJAS PURUSHOTTAM TOTADE	15
6	VAISHNAVI ASHOKRAO HIWASE	A
7	MANSI NITIN ELGUNDE	16
8	SUDHANSHU MUKUND JOSHI	5
9	SANYOGITA SANJAY GUPTA	12
10	TANYA RAJU KALEWAR	17
11	AKANSHA ANIL SINHA	16
12	DIVYA PUNARAM ARBAT	5
13	PRAFUL KISHOR DANGRE	14
14	KETKI KUNAL KALE	17
15	NAYNA ANAND KALBANDE	A
16	HIMALI NIWAS HALMARE	7
17	VAIBHAVI JITENDRA TANNA	12
18	ADITI RAJENDRA MUDGAL	13
19	SAYALI P. SHINGANJUDE	A
20	SHUBHAM SUDHIR PALTANKAR	16
21	MRUNALRAJENDRA MALOKAR	A
22	SHARYUSHWARI V. GHARPURE	16
23	MAYUR DAMODHAR DEOLE	A
24	TARSH MAHESH KUMAR PATEL	5
25	VYANKATESH N. NAGHATE	7
26	SAMIDHA P. DESHMUKH	16
27	ABHISHEK ANIL AGRAWAL	A
28	VISHAL RAMCHANDRA WARTHI	14
29	DEVESH GAJESH BOBDE	7
30	DNYANESHWARI P. WAGHMARE	10
31	ABHISHEK SHRIKANT NANOTI	A
32	SHANTANU SANJAY DHONE	10
33	ASHLESHA AMARSINGH GUJAR	8



Signature of Teacher

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Department of Statistics
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Congress Nagar, Nagpur.

Bachelor of Science (B.Sc.) Semester—II Examination 2019
STATISTICS
Unit Test -II
Semester II Paper—II

Time : 45 min] **Maximum Marks : 20**.

Date: 26/03/2019

NOTE: All questions carry equal marks

1. Define quantities of a frequency distribution. Explain how they can be graphically located.
2. Write a short note on Kurtosis of a frequency distribution.
3. Define Spearman's Rank Correlation Coefficient. Derive an expression for the rank correlation coefficient in case of no tie.
4. Derive the equation to the line of regression of Y on X. Prove that correlation coefficient is the geometric mean of regression coefficients.

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