Shri Shivaji Education Society Amravati's
Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. I (Semester-II)
Session: - 2020 - 2021
Unit Test I

Name of the Teacher: - V. Chainani   **Date: 29/03/2021**
Subject :- Statistics (Paper- II)   **Batch :- M8-M9(SCSM)**

S.no.	NAME OF STUDENTS	Unit Test Marks (out of 20)
1	AANCHAL GAIKWAD	A
2	AKSHADA GIRHE	11
3	ASHMI DATTA	9
4	BHAIRAVI CHAUHAN	10
5	BHAVNA GAIKWAD	9
6	CHARUSHREE MESHRAM	8
7	DHANSHREE NEHARE	14
8	HIMANSHI FULWANI	14
9	MADHVI SINGH	16
10	MANSI GOKHALE	11
11	MANSI HEDAOO	9
12	MAYURI MADANKAR	8
13	NAINAL SHANGONDAWAR	14
14	NEHA MOHATURE	10
15	NIKITA SAKHARKAR	13
16	POORVI GAJBHIYE	14
17	PORNIMA AWARI	10
18	PRIYA INGLE	8
19	PURVA LANDGE	A
20	RRENUKA CHORE	14
21	RINKU HATTEWAR	11
22	SAKSHI PURSWAMI	14
23	SAKSHI GUMGAONKAR	10
24	SAKSHI KALE	A
25	SEJAL SONULE	17
26	SHRADDHA WATH	11
27	SHRADDHA SALVE	8
28	SHRUTI KARANDE	11
29	SHRUSTI ZADE	8
30	TANVI KEDAR	A
31	VAISHNAVI DANGRE	15
32	VEDIKA POPHALI	9
33	VIDHI JAUHARI	9
34	VIDNYANI UMATHE	11
35	ADITYA GOUR	9
36	ARYAN PATIL	12
37	DIVYANSHU CHOUKSEY	8
38	JAYESH BORKAR	7
39	MRUNAL BENDARE	A

40	OM MANGLE	9
41	PIYUSH MESHRAM	10
42	PRAJWAL ALONE	17
43	PREM HINGWE	A
44	RANJIT RAUT	A
45	ROUNAK KSHIRSAGAR	13
46	VISHNU JOSHI	A

Signature of Teacher

Head

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

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

Date: 29/03/2021

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.

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Congress Nagar, Nagpur.

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Science College, Congress Nagar, Nagpur.
Department of STATISTICS
Class :- B. Sc. I (Semester-II)
Session: - 2020 - 2021
Unit Test II

Name of the Teacher: - V. Chainani   **Date: 20/04/2021**
Subject :- Statistics (Paper- II)   **Batch :- M8-M9(SCSM)**

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

38	JAYESH BORKAR	A
39	MRUNAL BENDARE	A
40	OM MANGLE	13
41	PIYUSH MESHRAM	9
42	PRAJWAL ALONE	9
43	PREM HINGWE	A
44	RANJIT RAUT	A
45	ROUNAK KSHIRSAGAR	A
46	VISHNU JOSHI	A

Signature of Teacher

Head

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Department of Statistics
Shivaji Science College
Congress Nagar, Nagpur.

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Shivaji Science College, Congress N...

Bachelor of Science (B.Sc.) Semester—II Examination 2021
STATISTICS
Unit Test -II
Semester II Paper—II

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

Date: 20/04/2021

NOTE: All questions carry equal marks

1. 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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