

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

**Name of the Teacher: - V.Chainani
Subject :- Statistics (Paper- II)**

**Date: 11/09/2017
Batch :- M8-M9(SCSM)**

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	Akanksha N. Deshmukh	6
2	Bharti S. Patle	15
3	Ankita P. Raoke	16
4	Ankita S. Markande	A
5	Deepti P. Kharatkar	14
6	Kalyani D. Muley	A
7	Kalyani D. Kongare	A
8	Mrunal S. Babhare	8
9	Nikhita P. Kadu	A
10	Nikita S. Salunke	A
11	Pallavi S. Kotmakar	A
12	Pooja D. Tekade	A
13	Prachi M. Singh	15
14	Pratha P. Tiwari	13
15	Priyanka B. Gokhe	A
16	Rasika R. Kalmegh	7
17	Ruchika R. Dharmik	15
18	Sakshi A. Pandey	8
19	Sangeeta B. Singh	7
20	Shivan S. Matey	A
21	Shriya S. Ghaiwat	A
22	Sonu P. Umathe	7
23	Sudipti K. Gode	5
24	Tanushree K. Dhawad	11
25	Vaishnavi M. Mhaske	A
26	Vaishnavi S. Kalmegh	A
27	Vijays G. Yenurkar	15
28	Abheejeet V. jumle	8
29	Apekshit P. Gajbhiye	A
30	Bhavesh L. Popali	13
31	Pallav M. Tikle	8
32	Pradyumna A. Shembarkar	7
33	Rahul M. Meshram	A
34	Sagar U Prasad	A
35	Swapnil V. Pande	12
36	Aishwarya M. kadu	6
37	Priya R. Pandey	8
38	Richa S. Chandel	A

Ahainani

Signature of Teacher



U. Panale

Head

Head

Department of Statistics
Shivaji Science College
Congress Nagar, Nagpur.

Bachelor of Science (B.Sc.) Semester—V Examination 2017
STATISTICS
Unit Test –I
Semester V Paper—II

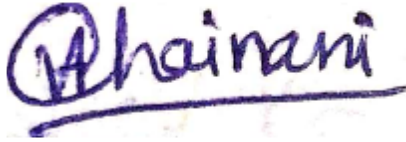
Time : 45 min]

Maximum Marks : 20.

Date: 11/09/2017


NOTE: All questions carry equal marks

1. Describe the divisions and functions of C.S.O. and N.S.S.O.
2. Describe the advantages of sample survey over complete enumeration method.
3. Show that in case of SRSWOR :
 - (i) Sample mean is an unbiased estimator of population mean
 - (ii) Sample mean square is an unbiased estimator of population mean square
- 4.) Distinguish between SRSWOR and SRSWR.



Signature of Teacher




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

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

Name of the Teacher: - V.Chainani
Subject :- Statistics (Paper- II)

Date: 13/10/2017
Batch :- M8-M9(SCSM)

S.no.	Students Full Name	Unit Test Marks(out of 20)
1	Akanksha N. Deshmukh	8
2	Bharti S. Patle	16
3	Ankita P. Raoke	A
4	Ankita S. Markande	A
5	Deepti P. Kharatkar	12
6	Kalyani D. Muley	A
7	Kalyani D. Kongare	7
8	Mrunal S. Babhare	8
9	Nikhita P. Kadu	15
10	Nikita S. Salunke	A
11	Pallavi S. Kotmakar	A
12	Pooja D. Tekade	16
13	Prachi M. Singh	A
14	Pratha P. Tiwari	12
15	Priyanka B. Gokhe	5
16	Rasika R. Kalmegh	16
17	Ruchika R. Dharmik	A
18	Sakshi A. Pandey	A
19	Sangeeta B. Singh	5
20	Shivan S. Matey	13
21	Shriya S. Ghaiwat	7
22	Sonu P. Umathe	15
23	Sudipti K. Gode	9
24	Tanushree K. Dhawad	5
25	Vaishnavi M. Mhaske	16
26	Vaishnavi S. Kalmegh	A
27	Vijays G. Yenurkar	12
28	Abheejeet V. jumle	10
29	Apekshit P. Gajbhiye	A
30	Bhaves L. Popali	A
31	Pallav M. Tikle	6
32	Pradyumna A. Shembarkar	7
33	Rahul M. Meshram	5
34	Sagar U Prasad	A
35	Swapnil V. Pande	A
36	Aishwarya M. kadu	11
37	Priya R. Pandey	A
38	Richa S. Chandel	16

Ahainani

Signature of Teacher



M. Panale

Head

Head

Department of Statistics
Shivaji Science College
Congress Nagar, Nagpur

Bachelor of Science (B.Sc.) Semester—V Examination 2017
STATISTICS
Unit Test –II
Semester V Paper—II

Time : 45 min]

Maximum Marks : 20.

Date: 13/10/2017

NOTE: All questions carry equal marks

1. Compare stratified sampling under proportional allocation with SRSWOR. Comment on the efficiency
2. Under stratified sampling, discuss briefly the following two principles :— (i) Fixing the cost of the survey minimizing the variance of sample mean.
3. Explain how systematic sampling is carried out. State its advantages. Explain its resemblance with stratified and cluster sampling.
4. Find the expressions for variance of the estimate of population mean under systematic sampling and SRSWOR.

Ahainani

Signature of Teacher



U. Panale

Head

Head

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

