

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

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

**Date: 04/09/2017
Batch :- M8-M9(SCSM)**

Sr.No.	Name of Students	Unit Test Marks
1	ANKUSH D. YEDE	A
2	ASHWINI S. MALHARE	17
3	DIPTI VIVEK VAIDYA	15
4	HARSHITA . KAPSE	17
5	HEMA R. GUPTA	8
6	KETKI R. SHENDE	A
7	KHUSHI R. SHARMA	11
8	MADHURA V. DUBEY	18
9	MANSI B. DOKRIMARE	13
10	NEETU M. DHARMARI	11
11	NITISHA R. PILLEWAN	13
12	PRANJALI . MIRALWAR	17
13	RADHIKA A. TIWARI	A
14	RUCHIKA . GOLAIT	8
15	SAUJANYA . YELMULE	10
16	SNEHA S. IKHAR	16
17	SWARDA S.H KAWARE	15
18	TANUJA D. LILHARE	14
19	UNNATI J. UKINKAR	16
20	AMEYA R. MHAISURKAR	12
21	BHUSHAN G.MESHRAM	A
22	H. B. SHARANAGAT	14
23	MAYANK . RAMTEKKAR	16
24	OMKAR UMESH LONDHE	15
25	PRATIK S. MULEY	10
26	P.D. RAKHADE	19
27	SANKET R. TOPLI	19
28	S.A. DESHPANDE	A
29	SUBODH N. CHAUDHARI	16
30	YOGESH R. WAGHODE	9

M. Panade
Signature of Teacher



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

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

Time :45 minutes]

Maximum Marks : 20.

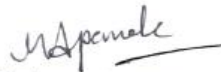
Date: 04/09/2017

Q1.i) Using Axiomatic definition of probability show that $P(\emptyset)=0$


Q.2. Define i) Mutually exclusive events ii) equally likely events iii) Independent event
iv) Exhaustive event v) Random Sample

Q.3. For n events $A_1, A_2, A_3, \dots, A_n$ define pairwise independence and mutual independence

Q.4. Show that mutual independence implies pairwise independence but its converse is not true.


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Department of STATISTICS
Class :- B. Sc. I(Semester-I)
Session: - 2017 - 2018
Unit Test II**

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

**Date: 1/10/2017
Batch :- M8-M9(SCSM)**

Sr.No.	Name of Students	Unit Test Marks
1	ANKUSH D. YEDE	A
2	ASHWINI S. MALHARE	17
3	DIPTI VIVEK VAIDYA	15
4	HARSHITA . KAPSE	17
5	HEMA R. GUPTA	8
6	KETKI R. SHENDE	A
7	KHUSHI R. SHARMA	11
8	MADHURA V. DUBEY	18
9	MANSI B. DOKRIMARE	13
10	NEETU M. DHARMARI	11
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25	PRATIK S. MULEY	10
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27	SANKET R. TOPLE	19
28	S.A. DESHPANDE	A
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Bachelor of Science (B.Sc.) Semester—I Examination 2017
STATISTICS
Unit Test -II
Semester I Paper—I

Time :45 minutes]

Maximum Marks : 20.


Date: 1/10/2017

Q1. Define mathematical random variable. State and prove its properties.


Q.2. Define the cumulative distribution function of a random variable.

Q.3. Define i) mean ii) mode iii) median iv) quartile v) Range

Q.4 What is meant by kurtosis and skewness .


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