BLDE ASSOCIATION'S

S.B.ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR

DEPARTMENT OF STATISTICS

BRIDGE COURSE REPORT 2022 – 23

S.B.Arts and K.C.P. Science College, Vijayapur

Department of Statistics

For the Academic Year: 2022 - 23

NOTICE

All the B.Sc I sem students are hereby informed to attend the Bridge Course classes commencing from 06/09/2022 to 14/09/2022. For details of divisions, timing and class room follow the time table.

H.O.D.
Depart.nent of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
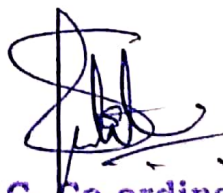S.B.Arts & K.C.P.Science College,
Vijayapur.

Principai,
S.B. Arts and KCP Science College
VIJAYAPUR

S.B.Arts and K.C.P. Science College, Vijayapur

Department of Statistics
Bridge Course 2022-23
TIME TABLE

Class	Date	Time	Description
B.Sc –I	06-09-2022	11.00pm -12.00pm	Descriptive statistics
	07-09-2022	12.00pm -01.00pm	Basic probability
	10-09-2022	10.00pm -11.00pm	Use of electronic calculators, statistical package on computer
	12-09-2022	10.00pm -11.00pm	Employment opportunities in our subject
	13-09-2022	12.00pm -01.00pm	Employment opportunities in our subject

H.O.D.
Depart.nent of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B. Arts and KCP Science College
VIJAYAPUR

BRIDGE COURSE REPORT 2022 – 23

About the department

Our department established in 1962. The courses introduced are mathematical statistics for B.Sc students. Our department has high standard for ourselves in all endeavors and we aim of achieving excellence by creating all round personality and keeping the students at the heart and for casting on the learning out comes.

Role of Bridge course:

Aiming at making the BSc (statistics) course smoother for entrants, department has announced one week bridge course for BSc Ist year students in the second week of September 2022.

Preparatory and bridging courses in statistics are concerned with filling gaps between: the statistical knowledge and skills of enrolling students and the requirements of a tertiary course; students' conception of the subject and its actual nature; students' level of confidence and study skills and those required by a tertiary course

Bridge course in statistics is taught namely in descriptive statistics, basic probability and at least an introduction to inferential statistics. The introduction to use electronic calculators, statistical package on computer.
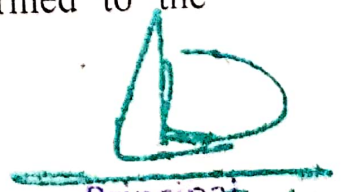
Employment opportunities:

Employment opportunities in various government and private sectors like Educational department, Health department, District Statistical offices, State transportation authorities, Directorate of Economics and Statistics, District Administrative offices has been informed to the students.

H.O.D.
Depart.nent of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal
S.B. Arts and KCP Science Colle
VIJAYAPUR

Syllabus for Bridge Course

I. Descriptive statistics

- Definition of statistics, Origin of statistics,
- Meaning ,Advantages, Function of statistics,
- Relation between statistics and other subject

II. Basic probability

- Meaning of probability, Definition of probability ,
- Use of Probability.
- Examples on probability.

III. Use of electronic calculators, statistical package on computer

- How to use electronic calculators.
- Statistical package on computer.
- How the statistical packages are used in different fields.

IV. Employment opportunities in our subject

- Finance.
- Acturial Science – CIGNA.
- Health and Medicine – National Institute of Health.
- NGO – Data without borders, mobile active.
- Statistical Investigator.
- Statistical Assistant (KPSC).
- Indian Statistical Service (ISS), UPSC.
- Software Marketing – Microsoft, SAS, SPSS, R-Programming.
- International Organisation – UNO, Census Bureau.
- Indian Institute of Population Studies (IIPS).
- CSO, NSO.
- Competitive world.

H.O.D.
Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B.Arts and KCP Science College
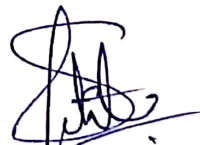VIJAYAPUR

Department of Statistics

For the Academic Year: 2022 - 23

NOTICE

All the B.Sc I sem students are hereby informed to attend the test on bridgr course on 14/09/2022 at 12.05PM to 01.00PM without fail.

H.O.D.
Depart.nent of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B.Arts and KCP Science College
VIJAYAPUR

Attendance of Bridge Course for B.Sc-I Sem 2022-23

Sl No	Name	Roll No	6/9/22	7/9/22	10/9/22	11/9/22	12/9/22
1	Aishwarya Patil	U15KM22S0182	Aishu	Aishu	Aishu	Aishu	Aishu
2	Mehboob Makandar 69	U15KM22S0107	ML	ML	ML	ML	ML
3	Chetan.Karajagi 181	U15KM22S0232					
4	Rajashekar Angadi 168	U15KM22S0219	RAngadi	RAngadi	RAngadi	RAngadi	RAngadi
5	Shruti Kamatagi 45	U15KM22S0053	Kamatagi	Kamatagi	Kamatagi	Kamatagi	Kamatagi
6	Chaitra Sagar 117	U15KM22S0168	c.g.sagar	cgsagar	c.g.Sagar	c.g.Sagar	c.g.sagar
7	Vijayalaxmi.Hadimani	U15KM22S0072	V.S.Hadimani	V.S.Hadimani	V.S.Hadimani	V.S.Hadimani	V.S.Hadimani
8	Alfiya.Choudhari	U15KM22S0124	Amc	Amc	Amc	Amc	Amc
9	Kaveri.M.V 184	U15KM22S0235	Kaveri	Kaveri	Kaveri	Kaveri	Kaveri
10	Arati.Hosamani 136	U15KM22S0187	Arati	Arati	Arati	Arati	Arati
11	Suchitra	U15KM22S0247	Schavan	Schavan	Schavan	Schavan	Schavan
12							
13							
14							

H.O.D.
Depart.nent of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
S.B. Arts and KCP Science College
VIJAYAPUR

Test on Bridge Course 2022-23   Max.Marks-15

Q-I   Multiple Choice Questions   15 X 1=15

1. The totality of all objects under a study is called _____
   a) Sample   b) Group   C) Population   d)Specimen

2. Which of the following is not an example for a primary data?
   a) Mailed questionnaire   b) Local correspondents
   c) Indirect oral investigation   d) Survey reports in newspapers, journals

3. A statistical population may consists of
   a) Infinite number of items   b) Finite number of items
   c) either (a) or (b)   d) Neither (a) nor (b)

4. A study based on complete enumeration of data is known as
   a) Sample survey   b) Pilot survey c) Census survey d) None of the   above

5. Which of the following is not a characteristic of a random experiment?
   a) Number of outcomes is 2 or more
   b) All outcomes are not known in advance
   c) Outcome obtained in a particular trial is not known in advance
   d) Experiment can be repeated under identical conditions

6. Which of the given sets are not an event of the sample space S= {a,1,2,3,z}
   a){a, z}   b){1,2,3}   c){}   d){a, b}

7. Which among the following is a sample space obtained while tossing a coin thrice?
   a){(H,T),(T,H),(T,T),(H,H)}
   b){(H,H,H),(H,T,T),(T,T,T)}
   c){(H,H),(T,T)}
   d){(H,H,H),(H,H,T),(H,T,T),(T,H,T),(H,T,H),(T,T,H),(T,H,H),(T,T,T)}

8. Pick out the elementary events from below
   i){a, b, c},   ii){1,2},   iii){1},   iv){3,4,5},   v){a, b},   vi){c}
   a) i, iv, vi   b)ii, iii, iv   c)i, iv   d)iii, vi

Scanned with OKEN Scanner

9. In a random experiment of rolling a die and observing the number shown up, let A be the
   event "odd number showing up". Then $A_c =$
   a) {1,2,3,6} b) {1} c) {1,3,5} d) {2,6}

10. If A={1} and B={2,3} in S={1,2,3,5,6},which is the event representing the occurrence of
   exactly one of events A,B?
   a) {1,2,3} b){ } c){2,3} d)S

11. Classical definition of probability gives that if the elementary events of a random
   experiment are mutually exclusive, exhaustive and equally likely, then
   a) P(A)=Number of outcomes of A/ Total number of outcomes
   b) P(A)=Number of elements in A
   c) P(A)=Number of elements in S/ Number of outcomes of A
   d) None of the above

12. In a random experiment of selecting a red bead from a bag with five beads of colours red,
   white, blue, green and yellow, probability of "getting a red bead" is
   a) 1/6 b) 1/5 c) 3/5 d) 1/3

13. Classical definition of probability is applicable only when the following holds true
   i) Sample space is finite, ii) Events are mutually exclusive, iii) Events are equally likely,
   iv) Events are exhaustive

   a) i, ii b)ii, iii, iv c)i, ii, iii, iv d) i

14. Which of the following is not an axiom in the axiomatic definition of probability?
   a) $P(A) \geq 0$, A be any event   b)$P(S)=1$
   c) $A_1, A_2, \ldots$ be disjoint events ,then $P(A_1 \cup A_2 \cup \ldots)=P(A_1)+P(A_2)+\ldots$
   d) None of these

15. If A={1} and B={2,3} in S={1,2,3,5,6},What is set of AUB?
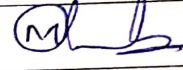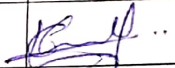   a) {1,2,3} b) { }   c){2,3}   d)S
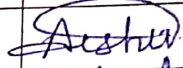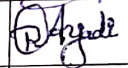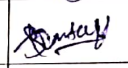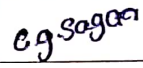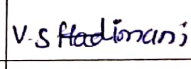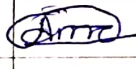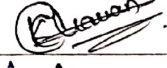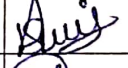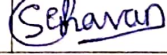
S.B. Arts and K.C.P. Science College, Vijayapur
Department of Statistics
Bridge Course Student List 2022-23
Class: B.Sc –I Sem

Marks List

Sl No	Name of the Students	Roll.No	Marks	Signature
1	Aishwarya Patil		14	
2	Mehboob Makandar	69	15	
3	Chetan.Karajagi	181	15	
4	Rajashekar Angadi	168	15	
5	Shruti Kamatagi	46	14	
6	Chaitra Sagar	117	14	
7	Vijayalaxmi.Hadimani		14	
8	Alfiya.Choudhari		15	
9	Kaveri.M.V	184	14	
10	Arati.Hosamani	136	15	
11	Suchitra		14	

H.O.D.
Department of Statistics
BLDEA's S. B. Arts & K.C.P.
Sci. College, Vijayapur.

IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
Vijayapur.

Principal,
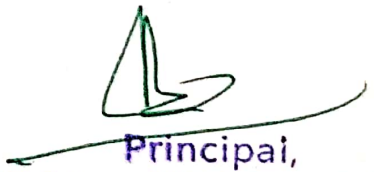S.B. Arts and KCP Science Colle
VIJAYAPUR