

BLDE Association's  
S.B. Arts and K.C.P. Science College, Vijayapur

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



DEPARTMENT OF STATISTICS

**BRIDGE COURSE REPORT 2019 – 20**

B.L.D.E Association's  
**S.B.Arts and K.C.P. Science College, Vijayapur**

**Department of Statistics**  
**For the Academic Year: 2019 - 20**

**NOTICE**

Our department is conducting Bridge Course classes for B.A/B.Sc I sem students. In the last week of June 2019. All the students are hereby informed to attend the classes.

  
**IQAC, Co-ordinator**

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



**HOD**

Head of the Statistics  
Department  
S.B. Arts & K. C. P. Sc. College,  
Bijapur.

  
**Principal,**  
K.C.P. Science College  
VIJAYAPUR.

S/B/

## BRIDGE COURSE REPORT 2019 - 20

### About the department

Our department established in 1962. The courses introduced are mathematical statistics for BSc students and applied statistics for BA 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 & BA (statistics) course smoother for entrants, department has announced one week bridge course for BSc I<sup>st</sup> & BA I<sup>st</sup> year students in the last week of June 2019.

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.

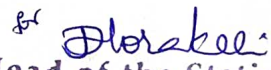
Bridge course in statistics is taught namely in descriptive statistics, basic probability and at least an introduction to inferential statistics. The introduction to use electronic calculators, statistical packages on computer.

### 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.

  
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### Time Schedule For Bridge Course

Class	Date	Time	Description
B.Sc -I	25-06-2019	3.00pm -4.00pm	Descriptive statistics
	26-06-2019	4.00pm -5.00pm	Basic probability
	27-06-2019	3.00pm -4.00pm	Use of electronic calculators, statistical package on computer
	01-07-2019	2.00pm -3.00pm	Employment opportunities in our subject
B.A.-I	25-06-2019	8.25am-9.20am	Descriptive statistics
	26-06-2019	9.20am-10.15am	Descriptive statistics
	28-06-2019	10.20am-10.15am	Basic probability
	29-06-2019	10.20am-11.10am	Use of electronic calculators, statistical package on computer
	01-07-2019	2.00pm -3.00pm	Employment opportunities in our subject

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## 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.
- Actuarial 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.

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Department of Statistics  
**Bridge Course Student List 2019-20**  
**Class: B.Sc –I Sem**

Sl No	Name	Roll No
1	AISHWARYA . DESHPANDE	9
2	POOJA . MAHALINGPUR	10
3	<b>NIDHI . KULKARNI</b>	<b>26</b>
4	<b>KIRAN . WATHARKAR</b>	<b>41</b>
5	SPURTI . KHEDAGI	53
6	SHIWETA . AKALE	56
7	SUPRIYA . BELLUNDAGI	65
8	SOUMYA . PATTAR	85
9	BASAVARAJ . KABADE	114
10	PRIYANK . NADAGOUDA	122
11	<b>BHAGYASHREE . INGALAGI</b>	<b>144</b>
12	<b>AKSHATA . MARATHA</b>	<b>155</b>
13	SWATI . MALEGAON	183
14	<b>KARTIK . YALAWAR</b>	<b>256</b>
15	<b>SANGEETA . OLEKAR</b>	<b>260</b>
16	DANISHWARI . PATIL	306
17	RAJASHREE . MANEGOL	307
18	VITHOBA . PATED	308
19	PRAVEEN . JEVOOR	309
20	SPOORTI . RATNAKAR	402
21	UMASHRI . TEGGELLI	403
22	AISHWARYA . MIRJI	407
23	SANGAMESH . ANDODAGI	409
24	BASAVARAJ . MADDARAKI	418
25	SACHIN . BORAGI	426
26	BHAGYASHREE . MASHYAL	438
27	MONIKA . SHIRAGOOR	440
28	BHAGYALAXMI . MULAGE	442
29	VIRESH . KARUTAGI	443
30	PREETI . MORE	448
31	JYOTI . MORE	449
32	<b>CHETAN . KALASHETTI</b>	<b>519</b>
33	ANITA . AWAJI	539
34	LAXMI . BIRADAR	544
35	BASAVARAJ . KUMBAR	547
36	BHIMASHANKAR . DASHAVANT	554
37	SARASWATI . KAPPENAVAR	558

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Department of Statistics  
**Attendance of Bridge Course for BA – I Sem**

Sl No	Name	Roll No	25/06/19	26/06/19	28/06/19	29/06/19	01/07/19
5	AKASH SARAWAD	46	<i>AS</i>	<i>AS</i>	<i>AS</i>	<i>AS</i>	<i>AS</i>
6	VIJAYAKUMAR HIROLI	81	<i>Hirol</i>	<i>Hirol</i>	<i>Hirol</i>	<i>Hirol</i>	<i>Hirol</i>
7	LAXMAN BIRADAR	123	<i>Laxman</i>	<i>Laxman</i>	<i>Laxman</i>	<i>Laxman</i>	<i>Laxman</i>
8	ASHWINI NAIK	173	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>	<i>Ashwini</i>
5	KAVERI NAIK	127	<i>K. Naik</i>	<i>K. Naik</i>	<i>K. Naik</i>	<i>K. Naik</i>	<i>K. Naik</i>

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**Attendance of Bridge Course for BSc – I Sem**

Sl No	Name	Roll No	25/06/19	26/06/19	27/06/19	01/07/19
1	AISHWARYA, DESHPANDE	9	Asdi	Asdi	Asdi	Asdi
2	POOJA, MAHALINGPUR	10	Pooja.S.M	Pooja.S.M	Pooja.S.M	Pooja.S.M
3	NIDHI, KULKARNI	26	Nidhi	Nidhi	Nidhi	Nidhi
4	KIRAN, WATHARKAR	41	Kiran	Kiran	Kiran	Kiran
5	SPURTI, KHEDAGI	53				
6	SHWETA, AKALE	56	S.B.A	S.B.A	S.B.A	S.B.A
7	SUPRIYA, BELLUNDAGI	65	Supriya	Supriya	Supriya	Supriya
8	SOUMYA, PATTAR	85		Spattar	Spattar	Spattar
9	BASAVARAJ, KABADE	114	B.K.Kabade	B.K.Kabade	B.K.Kabade	B.K.Kabade
10	PRIYANK, NADAGOUDA	122	P.N		P.N	P.N
11	BHAGYASHREE, INGALAGI	144	Bhagya	Bhagya	Bhagya	Bhagya
12	AKSHATA, MARATHA	155	Akshata	Akshata	Akshata	Akshata
13	SWATI, MALEGAON	183	SW	SW	SW	SW
14	KARTIK, YALAWAR	256	Kus	Kus	Kus	Kus
15	SANGEETA, OLEKAR	260	Sangeeta	Sangeeta	Sangeeta	Sangeeta
16	DANESHWARI, PATIL	306	DP	DP	DP	DP
17	RAJASHREE, MANEGOL	307	R.M	R.M	R.M	R.M
18	VITHOBA, PATED	308	VHP	VHP	VHP	VHP
19	PRAVEEN, JEVOOR	309	Praaveen	Praaveen	Praaveen	Praaveen
20	SPOORTI, RATNAKAR	402				
21	UMASHRI, TEGGELLI	403				
22	AISHWARYA, MIRJI	407	Aishw	Aishw	Aishw	Aishw
23	SANGAMESH, ANDODAGI	409	SangAnd	SangAnd	SangAnd	SangAnd
24	BASAVARAJ, MADDARAKI	418	Bluu	Bluu	Bluu	Bluu
25	SACHIN, BORAGI	426	Sbargi	Sbargi	Sbargi	Sbargi
26	BHAGYASHREE, MASHYAL	438	Bhagya	Bhagya	Bhagya	Bhagya
27	MONIKA, SHIRAGOOR	440		M.S	M.S	M.S
28	BHAGYALAXMI, MULAGE	442	Bhamul	Bhamul	Bhamul	Bhamul
29	VIRESH, KARUTAGI	443		Viresh		Viresh
30	PREETI, MORE	448	preetmore	preetmore	preetmore	preetmore
31	JYOTI, MORE	449	Jmore		Jmore	Jmore
32	CHETAN, KALASHETTI	519	CK	CK	CK	CK
33	ANITA, AWAJI	539	Anita	Anita	Anita	Anita
34	LAXMI, BIRADAR	544	LaxiB	LaxiB	LaxiB	LaxiB
35	BASAVARAJ, KUMBAR	547	B.K.	B.K.	B.K.	B.K.
36	BHIMASHANKAR, DASHAVANT	554	DHA	DHA	DHA	DHA
37	SARASWATI, KAPPENAVAR	558	SK	SK	SK	SK

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H.O.D.

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### Multiple Choice Questions

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

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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)  $P(A) = \frac{\text{Number of outcomes of A}}{\text{Total number of outcomes}}$   
b)  $P(A) = \text{Number of elements in A}$   
c)  $P(A) = \frac{\text{Number of elements in S}}{\text{Number of outcomes of A}}$   
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?

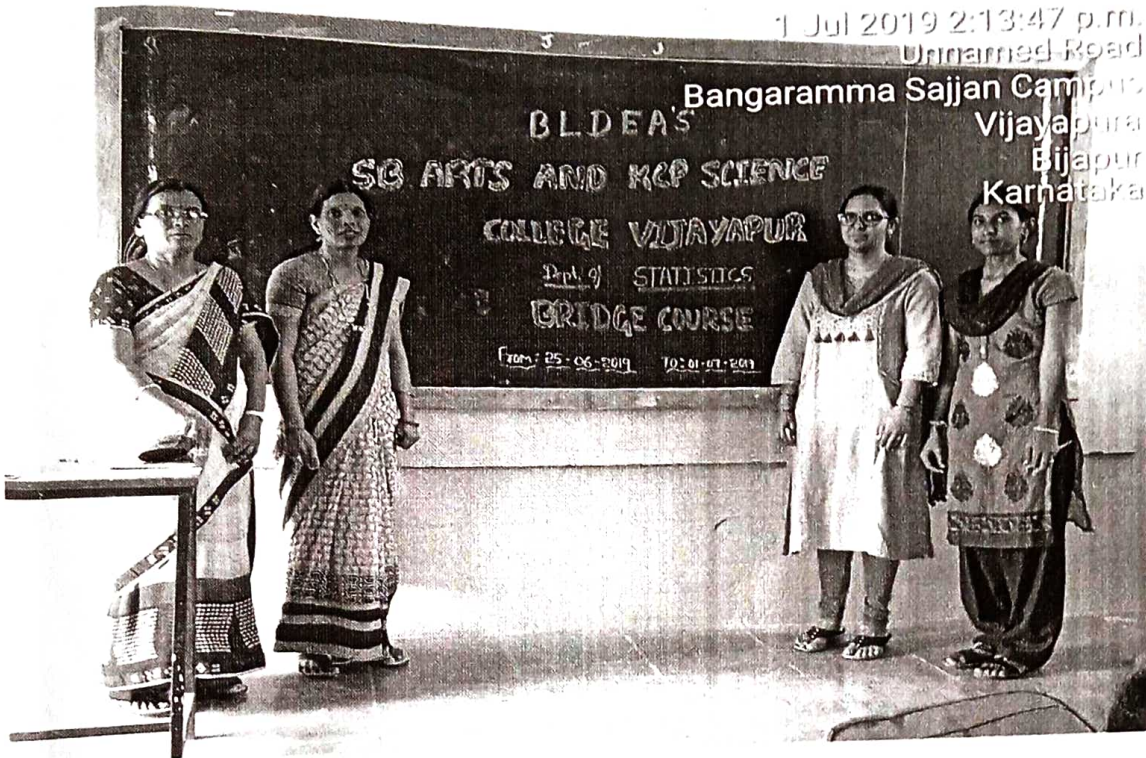
- a)  $P(A) \geq 0$ , A be any event      b)  $P(S) = 1$   
c)  $A_1, A_2, \dots$  be disjoint events, then  $P(A_1 \cup A_2 \cup \dots) = P(A_1) + P(A_2) + \dots$   
d) None of these

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for *Dorabees*  
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Department of Statistics  
Student Marks List for Bridge Course

Class : BSc I Sem

Sl No	Name	Roll No	Marks	Signature
1	AISHWARYA . DESHPANDE	9	9	<i>Asli</i>
2	POOJA . MAHALINGPUR	10	9	<i>Pooja-S.M</i>
3	NIDHI . KULKARNI	26	8	<i>(ms)</i>
4	KIRAN . WATHARKAR	41	7	<i>Kiran</i>
5	SPURTI . KHEDAGI	53	- AB -	
6	SHWETA . AKALE	56	6	<i>S.B.A</i>
7	SUPRIYA . BELLUNDAGI	65	6	<i>Supriya .</i>
8	SOUMYA . PATTAR	85	6	<i>Spattar</i>
9	BASAVARAJ . KABADE	114	- AB -	
10	PRIYANK . NADAGOUDA	122	- AB -	
11	BHAGYASHREE . INGALAGI	144	- AB -	
12	AKSHATA . MARATHA	155	- AB -	
13	SWATI . MALGAON	183	8	<i>(SM)</i>
14	KARTIK . YALAWAR	256	8	<i>Krk</i>
15	SANGEETA . OLEKAR	260	8	<i>Sangeeta</i>
16	DANESHWARI . PATIL	306	6	<i>(D)</i>
17	RAJASHREE . MANEGOL	307	Ab	
18	VITHOBA . PATED	308	7	<i>VIB</i>
19	PRAVEEN . JEVOOR	309	9	
20	SPOORTI . RATNAKAR	402	- AB -	
21	UMASHRI . TIGGELLI	403	- AB -	
22	AISHWARYA . MIRJI	407	- AB -	
23	SANGAMESH . ANDODAGI	409	- AB -	
24	BASAVARAJ . MADDARAKI	418	9	<i>Bhug</i>
25	SACHIN . BORAGI	426	8	<i>SBoagi</i>
26	BHAGYASHREE . MASHYAL	438	7	<i>Bhagya</i>
27	MONIKA . SHIRAGOOR	440	- AB -	
28	BHAGYALAXMI . MULAGE	442	- AB -	
29	VIRESH . KARUTAGI	443	- AB -	
30	PREETI . MORE	448	- AB -	
31	JYOTI . MORI	449	10	<i>JMore</i>
32	CHETAN . KALASHETTI	519	6	<i>CK</i>
33	ANITA . AWAJI	539	7	<i>Anita</i>
34	LAXMI . BIRADAR	544	8	<i>LaxmiB</i>
35	BASAVARAJ . KUMBAR	547	7	<i>B.Kumbar</i>
36	BHIMASHANKAR . DASHAVANT	554	6	<i>BDA</i>
37	SARASWATI . KAPPENAVAR	558	7	<i>sk</i>

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