

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



DEPARTMENT OF STATISTICS

BRIDGE COURSE REPORT 2023 – 24

B. L. D. E. ASSOCIATION'S

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

Smt. Bangaramma Sajjan Campus, Shri B. M. Patil Road (Solapur Road), Vijayapur-586 103

Accredited with CGPA of 2.99 at 'B++' Grade in 4th Cycle by NAAC

(Affiliated to Rani Channamma University, Belagavi)

Phone: (08352) 262770, Extn. 2223, 2224

Website: www.bldeasbkcp.ac.in E-mail: bldeasbkcp@gmail.com



Date: 26/10/2023

Department of Statistics

NOTICE

All the B.Sc I sem students are hereby informed to attend the Bridge Course classes commencing from 30/10/2023 to 8/11/2023. For details of timing and class room follow the time table.

Rmadhabhai
26/10/23
H.O.D.

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IQAC, Co-ordinator
S.B.Arts & K.C.P.Science College,
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Principal,
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S.B.Arts and K.C.P. Science College, Vijayapur
 Department of Statistics
Bridge Course 2023-24

TIME TABLE

Class	Date	Time	Description
B.Sc –I	30-10-2023	11.00pm -12.00pm	Descriptive statistics
	31-10-2023	12.00pm -01.00pm	Basic probability
	04-11-2023	10.00pm -11.00pm	Use of electronic calculators, statistical package on computer
	06-11-2023	10.00pm -11.00pm	Basic E-excel
	07-11-2023	12.00pm -01.00pm	How to use the statistical tables (t-table, Chi-square table etc.)
	08-11-2023	12.00pm -01.00pm	Employment opportunities in our subject
	11-11-2023	12.00pm -01.00pm	Test


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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:

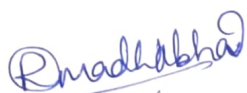
Aiming at making the BSc (statistics) course smoother for entrants, department has announced one week bridge course for BSc Ist year students in the last week of October 2023.

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, student's 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.



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Syllabus for Bridge Course

- **Descriptive statistics**

- Definition of statistics, Origin of statistics,
- Meaning ,Advantages, Function of statistics,
- Some Basic Concepts of Statistics.

- **Basic probability**

- Meaning of probability, Definition of probability ,
- Use of Probability.
- Small examples on probability.

- **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.

- **Basic E-excel**

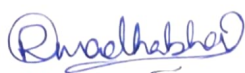
- How to enter the data in excel,
- How add and subtract the data
- How to draw the Graphs.

- **How to use the statistical tables**

Log and Antilog Table, t-table, F-Table, Z-Table and Chi-square table etc

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.
- Indian Institute of Population Studies (IIPS).
- Competitive world.


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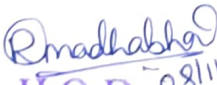


Date: 08/11/2023

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NOTICE

All the B.Sc I sem students are hereby informed to attend the test on bridge course on 11-11-2023 at 12.05PM to 01.00PM. Attendance is Compulsory.


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Test on Bridge Course 2023-24

Q-1 Multiple Choice Questions

Max.Marks :15

15 X 1=15

- The representative units of a population is called _____.
a) Sample b) Group c) Population d) Specimen
- 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
- 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)
- What is the value of Log (15)?
a) 1.1760 b) 1.76 c) 1.760 d) 2.1760
- What is the value of Log (149.5)?
a) 21746 b) 2.1746 c) 21.746 d) 1.1746
- What is the value of Antilog (1.6227)?
a) 41.95 b) 4195 c) 31.45 d) 419.5
- 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
- If $P(A) = \frac{1}{4}$, then find $P(A^c)$?
a) 0.6 b) 0.25 c) 0.85 d) 0.75

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9. 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)** $\{a, b\}$

10. Which among the following is a sample space obtained while tossing a coin Twice?

- 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) $\{(H, H)\}$

11. Classical definition of probability gives that if the elementary events of a random experiment are mutually exclusive, exhaustive and equally likely, then

- a)** $P(A) = \text{Number of outcomes of } A / \text{Total number of outcomes}$
b) $P(A) = \text{Number of elements in } A$
c) $P(A) = \text{Number of elements in } S / \text{Number of outcomes of } A$
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. If $A = \{1\}$ and $B = \{2, 3\}$ in $S = \{1, 2, 3, 5, 6\}$, What is set of $A \cup B$?

- a)** $\{1, 2, 3\}$ **b)** $\{\}$ **c)** $\{2, 3\}$ **d)** S

14. What is the Full Form ISS

- a)** Indian Science Service **b)** Indian Statistical Service
c) Indian Social Science **d)** Institute of Statistical Studies.

15. What is the value e^0

- a)** 0 **b)** 1 **c)** 0.1 **d)** 1.1


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Attendance of Bridge Course for B.Sc – I Sem

Sl No	Name	Roll No	30/10	31/10	4/11	6/11	7/11	8/11
1	CHETAN SHIVAJI JADHAV	U15KM23S0039	1	2	2	3	4	4
2	BHAGYASHREE KARAJOL	U15KM23S0085	1	2	3	4	5	6
3	RAJESH BANKAPURE	U15KM23S0117	1	2	3	3	4	4
4	AKSHATA A KHAVEKAR	U15KM23S0145	1	2	3	3	4	5
5	PRAMOD M HIREMATH	U15KM23S0155	1	2	3	4	5	6
6	SHREYA MALHARI	U15KM23S0176	1	2	2	3	4	4
7	VIJAYLAXMI MALHARI	U15KM23S0177	1	2	3	4	5	6
8	BHAGYASHREE BIRADAR	U15KM23S0184	1	2	3	4	5	6
9	PRAVEEN TELLUR	U15KM23S0192	1	2	2	2	3	4
10	SHILPA S HADNUR	U15KM23S0207	1	2	3	4	5	6
11	VANISHREE D JEER	U15KM23S0212	1	2	3	4	5	6
12	SUNITA B BIRADAR	U15KM23S0216	1	2	2	3	4	5
13	ROHINI PAWAR	U15KM23S0307	1	2	3	4	5	6
14	AISHWARY CHANASHETI	U15KM23S0361	1	2	3	4	5	6

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Department of Statistics Bridge Course Student Marks List 2023-24 Class: B.Sc –I Sem

Sl No	Name of the Students	Roll.No	Marks	Signature
1	CHETAN SHIVAJI JADHAV	U15KM23S0039	14	
2	BHAGYASHREE KARAJOL	U15KM23S0085	15	
3	RAJESH BANKAPURE	U15KM23S0117	13	
4	AKSHATA ARAVIND KHAVEKAR	U15KM23S0145	13	
5	PRAMOD MALASIDDAYYA HIREMATH	U15KM23S0155	14	
6	SHREYA MALHARI	U15KM23S0176	13	
7	VIJAYLAXMI MALHARI	U15KM23S0177	15	
8	BHAGYASHREE BIRADAR	U15KM23S0184	15	
9	PRAVEEN TELLUR	U15KM23S0192	12	
10	SHILPA SUBHAS HADNUR	U15KM23S0207	15	
11	VANISHREE DUNDAPPA JEER	U15KM23S0212	14	
12	SUNITA BASAGOND BIRADAR	U15KM23S0216	15	
13	ROHINI PAWAR	U15KM23S0307	15	
14	AISHWARYA CHANASHETI	U15KM23S0361	15	

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Test on Bridge Course

2023-24

Name: Aishwarya Chanashetti

UUCMS No: U15KM23S0361

Time: 1 Hour

15/15

Class : BSc I Sem.

Date: 11/11/2023

Max. Marks: 15

Choose the correct answer and darken the bobble corresponding to the question number using **Blue** or **Black Ball-Point Pen** in the **OMR answer sheet**.

SLNO	A	B	C	D
1	☒	☐	☐	☐
2	☐	☐	☐	☒
3	☐	☒	☐	☐
4	☒	☐	☐	☐
5	☐	☒	☐	☐
6	☒	☐	☐	☐
7	☐	☐	☐	☒
8	☐	☐	☐	☒
9	☐	☐	☒	☐
10	☒	☐	☐	☐
11	☒	☐	☐	☐
12	☐	☒	☐	☐
13	☒	☐	☐	☐
14	☐	☒	☐	☐
15	☐	☒	☐	☐

Rudhaba
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[Signature]
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Test on Bridge Course

2023-24

Name: Rohini Pawar
UUCMS No: 015KM2350307
Time: 1 Hour

15/15

Class : BSc I Sem.
Date: 11/11/2023
Max. Marks: 15

Choose the correct answer and darken the bobble corresponding to the question number using **Blue** or **Black Ball-Point Pen** in the OMR answer sheet.

SLNO	A	B	C	D
1	☒	☐	☐	☐
2	☐	☐	☐	☒
3	☐	☒	☐	☐
4	☒	☐	☐	☐
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10	☒	☐	☐	☐
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12	☐	☒	☐	☐
13	☒	☐	☐	☐
14	☐	☒	☐	☐
15	☐	☒	☐	☐

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