

KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics

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Add-on course on Logical Reasoning  
2021-22

Course coordinator

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Smt. Padmini Kaji  
Assistant Professor in Mathematics





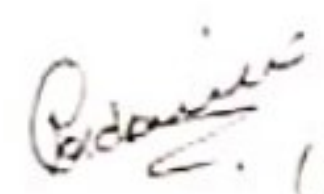
To,  
The Principal  
Karnatak Arts, Science and Commerce College, Bidar


Sub: Request to grant permission to start add-on course on Logical Reasoning from the academic year 2020-21: Reg.

Respected Sir, 45 9/9/21


As per the guidelines issued by IQAC, we would like to start the add-on course on "Logical Reasoning" from the academic year 2020-21: with intake of 25 students. Please permit us to start the add-on course and do the needful.

Thanking You.

  
(Padmini Kaji)  
Head  
Department of Mathematics

Vice Principal   
11/9/21

ip) forwarded to the Honible President/Secretary of KRE Society to permit to offer add-on course on "Logical Reasoning" to the existing students of B.Sc VI & IV sem for the academic year 2020-21 as the academic year extended to Covid-19 Pandemic. This course is ~~free~~ offering freely.

  
11/9/21

P.T.O



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Meeting Minutes for Institutional Board of Studies for Add-on Course on  
Logical Reasoning held on 11/09/2021

The institutional Board of Studies of the Department of Mathematics for the add-on course on Logical Reasoning held on 11/09/21 in Department of Mathematics at 2:00 pm.

SI No.	Name	Institute	Designation
1	Smt. Padmini Kaji	Head Department of Mathematics, KASCC, Bidar.	Chairman
2	Smt. Archana Patil	Assistant Professor, Department of Mathematics, KASCC, Bidar.	Member
3	Soumya D	Assistant Professor, Department of Mathematics, KASCC, Bidar.	Member
4	Diksha Chimkode	Assistant Professor, Department of Mathematics, KASCC, Bidar	Member
5	Dr. Channakeshava Murthy	Assistant Professor, Department of Mathematics, Govt. Degree College, Bidar.	External Expert

In the beginning of the meeting the Chairman of the BOS Smt. Padmini Kaji welcomed all members and briefed them about the academic activities of the Department of Mathematics. The members expressed their highly appreciation and satisfaction about the courses and activities of the department.

After that institutional BOS discussed and resolved the following items:





Item 1. Starting of the add-on course on Logical Reasoning.

The BOS discussed the item and resolved to start the add-on course on Logical Reasoning.

Item 2. Approval of the Syllabus for add-on course.

The BOS discussed and approved the syllabus for the add-on course on Logical Reasoning.

Item 3. Approval of admission criteria

The BOS discussed and approve the criteria for admission and resolved that any students enrolled in UG or PG course in KASCC can enrol in this course. In addition to this BOS also finalized the exam pattern.

Meeting of the BOS was concluded with the vote of thanks by Smt. Padmini Kaji, Assistant Professor in Department of Mathematics.

The following members were present in the meeting:

- Dr. Mallikarjun S Chelva
- Dr. Mallikarjun Hangarge
- Dr. Channakeshava Murthy
- Smt. Padmini Kaji
- Smt. Archana Patil
- Kum. Soumya Deshmukh
- Kum. Diksha Chinkode

PRINCIPAL  
Karnataka Arts, Sci. & Com. College  
D. K. Shivajinagar



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



**Add-on Course on Logical Reasoning**

**Preamble:** This course will provide an introduction to logical reasoning and aptitude. This course will cover number of topics such as data interpretation, verbal reasoning, basic mathematical relations and formula. Arithmetic operations and visualizations etc. This course will prepare the students for competitive examinations.

**Objectives:**

- To develop the logical reasoning and aptitude
- Inculcating the problem solving skills
- To skill them for data interpretation

**Instructional Design:**

This course is of 40-hour duration which includes theory classes and assignments etc.

**Medium of Instruction:** Mathematics

**Course Structure and Examination Scheme:**

**Total contact hours:**  
Theory Classes: 42 Hours

**Mode of Examination:**

MCQ Exam:	60 Marks
Assignment:	40 Marks

**Eligibility:** Students enrolled in UG

**No. of Seats:** 25 (Each batch)





## Add-on Course on Logical Reasoning

### Syllabus

Module I: Data sufficiency, Measurement, Time and distance, Arithmetic, Relationship between numbers	10 hrs
Module II: Basic mathematical relations and formula, Computation, Data interpretation	10 hrs
Module III: Differences, Discrimination, Decision-making, Judgment, Problem-solving, Analogies, Analysis	10 hrs
Module IV: Arithmetic reasoning, Relationship concept, Arithmetic number series, Similarities, Verbal and figure classification, Space visualization, Observation	12 hrs

### REFERENCES

- How to Prepare for Logical Reasoning for the CAT by Arun Sharma
- Logical and Analytical Reasoning by A.K. Gupta



K.R.E. SOCIETY'S  
KARNATAK ARTS, SCIENCE AND COMMERCE COLLEGE, BIDAR  
ADD-ON Course Logical Reasoning

Department of Mathematics



Outcomes

1. Understand and practice quantitative aptitude.
2. Discuss and practice verbal reasoning.
3. Identify and Solve Time and distance, Arithmetic, Relationship between numbers.
4. Discuss the problem Decision-Making, Judgment, Problem-solving Analogies.
5. Classify Verbal and figure classification.
6. Understand the space visualization and observation



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Date: 20/11/21

### NOTICE

All the students are hereby informed that, the Department of Mathematics is starting the add-on course on Logical Reasoning from the 22/11/21, interested students can enrol their names on or before 30/11/21 in the Department of Mathematics and classes started on 1/12/21.

HOD

Head  
Dept. of Mathematics  
Karnatak PG & UC College  
BIDAR

Principal

ಪ್ರಾಂಶುಪಾಲರು  
ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಮತ್ತು ಸಂಶೋಧನಾ ಇಲಾಖೆ,  
ಮಹಾನಗರ, ಬೆಂಗಳೂರು



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Add-on Course on Logical Reasoning  
Time-Table (2021-22)

Day/Time	8:30-10:30
Friday	Batch (I&II)
Saturday	Batch (I&II)

Batch I: B.Sc III Sem

Batch II: B.Sc V Sem

HOD Head  
Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

Principal  
ಕರ್ನಾಟಕ ಆರ್ಟ್ಸ್, ಸೈನ್ಸ್ & ಕಾಮರ್ಸ್ ಕಾಲೇಜ್,  
ಬಿದರ್





KRE Society's

# Karnatak Arts, Science and Commerce College, Bidar

ESTD - 1970

(Affiliated to Gulbarga University, Kalaburagi)  
College with Potential for Excellence



## ADMISSION FORM

Certificate/Value added/Skill Development/Diploma/Advance Diploma Courses  
&  
IAS/IPS/NET/SET Coaching Classes

Name of the Department Mathematics Year 2022

Name of the Student Bhavani

Father's/Guardian's Name Shivakumar

Date of Birth  
Date: 

0	3
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 Month: 

1	2
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 Year: 

2	0	0	2
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Address for Correspondence :  
Changlera, Bidar.

Semester/Class : B.Sc III Semester


Register No : 52175090


Percentage of previous semester : 8.75

Contact No : 8088343716

E-Mail ID : thountibhavani@gmail.com

Course to be Joined: Logical Reasoning

  
Signature of the Student

  
HOD/Coordinator  
Dept. of Mathematics  
Karnatak PG College  
BIDAR

  
Principal  
Karnatak Arts, Science and Commerce College  
Bidar



# GULBARGA UNIVERSITY, KALABURAGI

I SEMESTER BACHELOR OF SCIENCE Aug / Sep 2021 Examination

Register number : S2175090

Student Name : BHAVANI SHIVAKUMAR

Father Name :

Mother Name :

## RESULT SHEET

Sl. No.	Subject Name	Th./ Pr.	Max. Marks	Sec. Marks	Credit Hrs	Grade Points	Credit Points	Remarks
1	AECC: KANNADA - 1	Th.	100	73	3	7.30	21.90	O
2	AECC: ENGLISH - 1	Th.	100	85	3	8.50	25.50	O
3	DSCA: ELECTRONICS - 1	Th.	100	65	4	6.50	26.00	A
4	DSCA: ELECTRONCS PR - 1	Th.	50	41	2	8.20	16.40	O
5	DSCA: COMPUTER SCIENCE - 1	Th.	100	71	4	7.10	28.40	O
6	DSCA: COMPUTER SCI PR - 1	Th.	50	42	2	8.40	16.80	O
7	DSCA: MATHEMATICS - 1	Th.	100	78	4	7.80	31.20	O
8	DSCA: MATHEMATICS PR - 1	Th.	50	44	2	8.80	17.60	O
9	AECC: ENVIRONMENTAL STUDIES	Th.	50	33	2	6.60	13.20	A+

Passing Criteria : Min. to Pass : 40% in Theory, 40% in Practical, 40% in Subject

## RESULT SUMMARY

S.G.P.A : 7.58

Result : Pass

Max. Marks : 700 Sec. Marks : 532

College : 2206 - KARNATAKA COLLEGE, BIDAR, BIDAR

GUK is not responsible for any inadvertent error that may have crept in the results being published on NET. The results published on net are for provide information to the examinees. These cannot be treated as original mark sheets.



# GULBARGA UNIVERSITY, KALABURAGI

II SEMESTER BACHELOR OF SCIENCE October 2021 Examination

Register number : 52175090

Student Name : BHAVANI SHIVAKUMAR

Father Name :

Mother Name :

## RESULT SHEET

Sl. No.	Subject Name	Th. / Pr.	Max. Marks	Sec. Marks	Credit Hrs	Grade Points	Credit Points	Remarks
1	AECC:KANNADA	Th.	100	88	3	8.80	26.40	0
2	AECC:ENGLISH-2	Th.	100	84	3	8.40	25.20	0
3	DSCB:COMPUTER SCIENCE	Th.	100	84	4	8.40	33.60	0
4	DSCB:COMPUTER SCIENCE-PR	Th.	50	43	2	8.60	17.20	0
5	DSCB:MATHEMATICS	Th.	100	90	4	9.00	36.00	0
6	DSCB:MATHEMATICS-PR	Th.	50	45	2	9.00	18.00	0
7	DSCB:ELECTRONICS	Th.	100	88	4	8.80	35.20	0
8	DSCB:ELECTRONICS-PR	Th.	50	45	2	9.00	18.00	0
9	ACEE:INDIAN CONSTITUTION	Th.	50	45	2	9.00	18.00	0

Passing Criteria : Min. to Pass : 40% in Theory, 40% in Practical, 40% in Subject

## RESULT SUMMARY

S.G.P.A : 8.75

Result : Pass

Max. Marks : 700 Sec. Marks : 612

College : 2206 - KARNATAKA COLLEGE, BIDAR, BIDAR

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K.R.E Society's  
Karnatak Arts, Science and Commerce College Bidar  
Department Of Mathematics  
Student Enrolment List



Class: B.Sc IIIsem (Batch-1)

Sl.No	Name of the Student	Contact No.	Signature
1.	Deeksha jagannath	9019459492	<i>Deeksha</i>
2.	Sudhakar jagannath		<i>Sudhakar</i>
3.	Pooja	9945109321	<i>Pooja</i>
4.	Ajay ramesh	9110460728	<i>Ajay</i>
5.	Vijay giri Balaji giri	7073689693	<i>Vijay</i>
6.	Jagadish ramesh	8050262305	<i>Jagadish</i>
7.	Siddharth Prakash	9110661348	<i>Siddharth</i>
8.	Ram Bhimarao		<i>Ram</i>
9.	Ganesh	9844403411	<i>Ganesh</i>
10.	Mallikarjun umesh	8088013410	<i>Mallikarjun</i>
11.	Vishnukanth		<i>Vishnu</i>
12.	Chamundeshawari	7975655693	<i>Chamunda</i>
13.	Anjali kalidas		<i>Anjali</i>
14.	Pooja nagappa	8971861340	<i>Pooja</i>
15.	Bhavani shivkumar	8088343716	<i>Bhavani</i>
16.	Akshata shivkumar	7411682527	<i>Akshata</i>
17.	Prerana pradeepkumar	9380820191	<i>Prerana</i>
18.	Vedkumar		<i>Vedkumar</i>
19.	Chaya patil	6362715925	<i>Chaya</i>
20.	Shrushti mallappa	9353925312	<i>Shrushti</i>
21.	Pooja chandrappa	8296608736	<i>Pooja</i>
22.	Sushmita neelkanth		<i>Sushmita</i>
23.	Divyajyoti sanjeevkumar	9409740301349	<i>Divya</i>
24.	Pooja rajkumar		<i>Pooja</i>
25.	Richrd srinivas		<i>Richrd</i>

*Richrd*  
HOD  
Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

*[Signature]*  
Principal  
ಕರ್ನಾಟಕ ಆರ್ಟ್ಸ್ ವಿಜ್ಞಾನ ಕಾಂಗ್ರೆಸ್ ಕಾಲೇಜು,  
ಬಿದರ್, ಬಿದರ್ ಜಿಲ್ಲೆ



K.R.E Society's  
Karnatak Arts, Science and Commerce College Bidar  
Department Of Mathematics  
Student Enrolment List



Class: B.Sc Vsem (Batch-2)

Sl.No	Name of the Student	Contact No.	Signature
1.	Eshwari Sangappa	9963629928	Eshwari
2.	Saikumar biradar	861305223	Saikumar
3.	Vishal kashinath	<del>9945134362</del> 8088322882	Vishal
4.	Kalpana Ravindra	9945134362	Kalpana
5.	Christina Navomi	6364259568	christina
6.	Sana Fatima	9343773803	Sana
7.	Ashwini Rajshekar	8050265373	Ashwini
8.	Mobusheera Fatima	8618864726	Mobusheera
9.	Sangmeshawari Basavaraj	9972053671	Sangmeshawari
10.	Devika Hari Dattashwar	6366339678	Devika
11.	Keerti Vijayareddy	9591108416	Keerti
12.	Soumya Mohan	8088338432	Soumya
13.	Nikita Chandrakant	8317396130	Nikita
14.	Sujata Basyya swamy	9380637505	Sujata
15.	Sujata Basavaraj	9901717431	Sujata
16.	Anjali chandrakanth	8861514224	Anjali
17.	Sanjana rajshekar patil	7483860007	Sanjana
18.	Vaishnavi Rajkumar	7483003879	Vaishnavi
19.	Shweta Sharanappa	8618034151	Shweta
20.	Chandana Hanmantha	7489301144	Chandana
21.	Aloka Sanjukumar	8088927782	Aloka
22.	Durgadevi Digambar	8884896916	Durgadevi
23.	Hassa Anjum	7760022320	Hassa
24.	Khizor khaton	8951458709	Khizor khaton
25.	Poonam N	9019359693	Poonam

*Admission*

HOD  
Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

*[Signature]*  
Principal

ಪ್ರಾಂಶುಪಾಲರು  
ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಮತ್ತು ಸಾಹಿತ್ಯ ವಾಣಿಜ್ಯ,  
ಮಹಾವಿದ್ಯಾಲಯ ಬಿದರ



K.R.E Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Add-on Course on Logical Reasoning  
Batch- I Attendance (2021-22)

SL.No	NAME OF THE STUDENT	3/12/21	4/12/21	10/12/21	11/12/21	17/12/21	18/12/21	24/12/21	25/12/21	31/12/21	1/1/22
1	Deeksha jagannath	P	P	P	P	P	P	P	P	P	P
2	Sudhakar jagannath	A	A	A	A	A	A	A	A	A	A
3	Pooja	P	A	P	A	A	A	A	A	A	A
4	Ajay ramesh	P	P	P	P	P	A	P	P	P	P
5	Vijay giri Balaji giri	A	P	A	P	P	P	P	A	A	P
6	Jagadish ramesh	P	A	A	A	P	P	A	P	A	P
7	Siddharth Prakash	P	P	P	P	P	P	P	P	P	A
8	Ram Bhimarao	A	P	P	A	P	P	P	A	P	P
9	Ganesh	P	A	A	P	P	P	A	P	P	P
10	Mallikarjun umesh	P	P	A	A	P	P	P	A	A	A
11	Vishnukanth	A	P	P	P	P	P	A	P	P	P
12	Chamundeshawari	P	A	P	A	A	P	A	A	A	P
13	Anjali kalidas	P	P	A	P	A	P	P	A	P	A
14	Pooja nagappa	A	P	P	P	P	P	P	P	P	P
15	Bhavani shivkumar	P	A	P	A	A	A	A	P	P	P
16	Akshata shivkumar	P	A	A	P	P	P	P	A	A	P
17	Prerana pradeepkumar	A	P	P	P	A	P	P	P	P	A
18	Vedkumar	P	P	P	A	P	P	A	P	P	A
19	Chaya patil	P	A	A	P	P	P	A	P	P	A
20	Shrushti mallappa	A	A	P	P	P	A	P	A	P	P
21	Pooja chandrappa	P	P	P	A	P	P	A	P	A	P
22	Sushmita neelkanth	P	P	P	P	A	P	P	P	P	A
23	Divyajyoti sanjeevkumar	A	P	A	P	P	P	P	A	P	P
24	Pooja rajkumar	P	A	P	P	P	A	A	P	P	P
25	Richrd srinivas	P	A	A	A	P	P	P	P	P	A
Sign of faculty	Soumya . D										

HOD  
Karnatak PG & UG College  
BIDAR

Principal  
Karnatak Arts, Science & Commerce College  
Bidar



K.R.E Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Add-on Course on Logical Reasoning

Batch- II Attendance (2021-22)

SL.No	NAME OF THE STUDENT	3/12/21	4/12/21	10/12/21	11/12/21	17/12/21	18/12/21	24/12/21	25/12/21	31/12/21	1/1/22
1	Eshwari Sangappa	P	P	P	P	P	P	A	A	P	P
2	Saikumar biradar	P	A	P	A	P	P	A	P	A	P
3	Vishal kashinath	A	A	P	A	P	A	P	P	A	A
4	Kalpana Ravindra	P	P	A	P	A	A	P	P	P	A
5	Christina Navomi	P	P	P	P	P	P	A	P	P	P
6	Sana Fatima	A	A	P	A	P	P	A	A	A	P
7	Ashwini Rajshekar	P	P	A	P	P	P	P	P	A	P
8	Mobusheera Fatima	P	P	A	A	P	A	P	P	P	A
9	Sangmeshawari Basavaraj	A	P	P	P	A	P	A	P	P	P
10	Devika Hari Dattashwar	A	A	P	P	A	P	P	P	A	A
11	Keerti Vijayareddy	P	A	A	A	P	P	P	P	A	A
12	Soumya Mohan	P	P	P	A	P	A	P	P	P	P
13	Nikita Chandrakant	P	P	P	P	P	A	P	P	P	P
14	Sujata Basyya swamy	A	A	P	P	A	P	A	A	A	A
15	Sujata Basavaraj	P	P	A	P	A	P	P	A	P	A
16	Anjali chandrakanth	P	P	A	A	P	P	P	A	P	P
17	Sanjana rajshekar patil	A	A	P	P	P	P	P	A	P	P
18	Vaishnavi Rajkumar	A	P	P	A	P	A	P	P	A	A
19	Shweta Sharanappa	P	P	A	P	A	P	A	P	A	A
20	Chandana Hanmantha	P	P	A	P	A	P	A	A	P	P
21	Aloka Sanjukumar	A	A	A	A	P	P	A	A	A	P
22	Durgadevi Digambar	P	P	P	P	P	A	A	P	P	A
23	Hassa Anjum	P	P	P	P	A	A	P	P	A	P
24	Khizor khatoon	A	P	A	A	P	P	P	P	P	P
25	Poonam N	P	P	P	P	A	P	P	P	P	P
Sign of Faculty	Diksha . c										

*Diksha . c*  
HOD Dept. of Mathematics  
Karnatak PG & UO College  
BIDAR

*[Signature]*  
Principal  
Karnatak Arts, Science & Commerce College  
BIDAR





Add-on Course on Logical Reasoning  
Batch- I Attendance (2021-22)

SL.No	NAME OF THE STUDENT	7/1/22	8/1/22	14/1/22	15/1/22	21/1/22	22/1/22	28/1/22	29/1/22	4/2/22	5/2/22
1	Deeksha jagannath	P	A	P	P	A	A	P	P	A	P
2	Sudhakar jagannath	P	P	P	P	P	P	P	P	P	P
3	Pooja	A	P	A	P	A	P	P	P	P	A
4	Ajay ramesh	P	A	P	A	P	P	P	A	P	P
5	Vijay giri Balaji giri	P	A	A	P	A	P	A	P	P	P
6	Jagadish ramesh	A	P	P	P	P	A	A	P	P	A
7	Siddharth Prakash	P	P	P	A	P	A	A	P	A	P
8	Ram Bhimarao	P	A	A	P	P	P	A	P	A	P
9	Ganesh	A	P	P	P	P	P	P	P	P	A
10	Mallikarjun umesh	A	P	P	P	P	P	A	P	P	P
11	Vishnukanth	A	A	P	A	P	A	P	P	P	A
12	Chamundesawari	P	A	A	P	A	A	P	P	P	A
13	Anjali kalidas	P	A	P	P	P	P	A	A	A	A
14	Pooja nagappa	A	P	P	A	P	P	P	P	P	P
15	Bhavani shivkumar	P	A	P	P	P	P	P	P	P	P
16	Akshata shivkumar	P	P	P	P	P	A	A	P	A	P
17	Prerana pradeepkumar	A	A	P	A	P	A	P	P	P	A
18	Vedkumar	P	P	A	A	A	P	P	A	P	P
19	Chaya patil	P	P	A	P	P	P	A	P	A	P
20	Shrushti mallappa	A	A	P	P	P	P	A	P	P	A
21	Pooja chandrappa	P	A	P	P	P	A	P	A	P	P
22	Sushmita neelkanth	P	P	P	P	P	A	P	P	A	P
23	Divyajyoti sanjeevkumar	A	P	A	P	A	P	A	P	P	A
24	Pooja rajkumar	P	P	P	A	P	P	P	P	P	P
25	Richrd srinivas	P	P	P	P	P	P	P	P	A	P
Sign of faculty	Soumya.D										

Head  
HOD of Mathematics  
Karnatak PG & UG College  
BIDAR

Principal  
Karnatak Arts, Science & Commerce College  
Bidar





Add-on Course on Logical Reasoning

Batch- II Attendance (2021-22)

SL.No	NAME OF THE STUDENT	7/1/22	21/1/22	14/1/22	15/1/22	21/1/22	22/1/22	24/1/22	29/1/22	4/2/22	5/2/22
1	Eshwari Sangappa	P	P	P	A	P	A	P	P	A	A
2	Saikumar biradar	P	A	P	P	P	P	P	A	P	P
3	Vishal kashinath	A	P	P	P	P	P	P	P	P	P
4	Kalpana Ravindra	A	P	A	P	A	A	A	P	A	P
5	Christina Navomi	P	P	P	A	P	P	P	A	P	P
6	Sana Fatima	P	P	P	A	P	P	P	A	P	P
7	Ashwini Rajshekar	A	P	A	P	P	P	P	P	P	A
8	Mobusheera Fatima	P	P	A	P	P	A	A	P	A	A
9	Sangmeshawari Basavaraj	P	A	P	A	P	P	P	A	P	P
10	Devika Hari Dattashwar	A	A	P	P	P	A	A	P	A	P
11	Keerti Vijayareddy	P	A	A	P	A	P	P	A	P	P
12	Soumya Mohan	P	P	P	A	P	P	P	A	P	P
13	Nikita Chandrakant	A	P	P	P	P	A	A	P	P	P
14	Sujata Basyya swamy	A	A	A	P	A	P	P	A	A	A
15	Sujata Basavaraj	P	A	A	A	P	P	P	P	P	A
16	Anjali chandrakanth	P	P	P	P	P	A	A	P	A	P
17	Sanjana rajshekar patil	A	P	P	P	A	P	P	A	P	P
18	Vaishnavi Rajkumar	A	P	A	A	P	P	P	P	P	P
19	Shweta Sharanappa	P	P	P	A	P	A	A	P	P	A
20	Chandana Hanmantha	P	A	P	P	P	P	P	A	P	A
21	Aloka Sanjukumar	P	P	A	P	A	P	P	P	A	P
22	Durgadevi Digambar	A	P	P	P	P	A	A	P	A	P
23	Hassa Anjum	P	A	P	P	P	P	P	A	P	P
24	Khizor khaton	P	P	A	A	A	P	P	P	P	P
25	Poonam N	A	P	P	A	P	P	A	P	P	P
Sign of Faculty	Diksha . D										

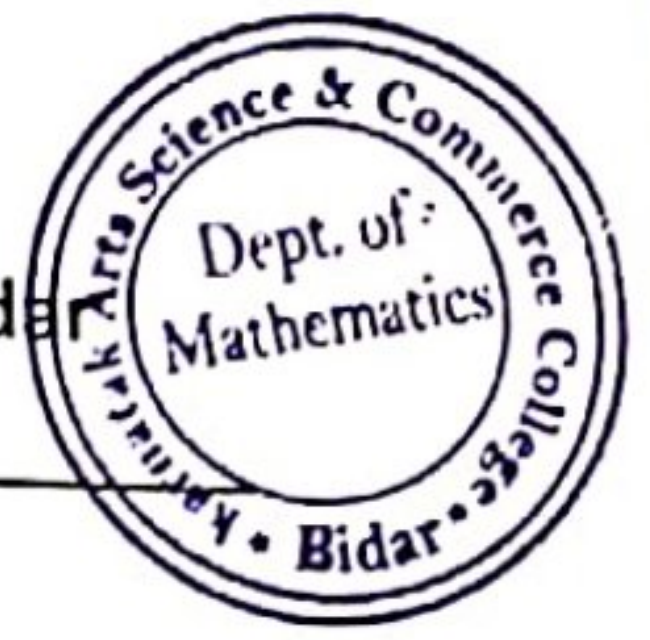
*Pachumi*

HOD.

Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

*[Signature]*  
Principal  
Karnatak Arts, Science & Commerce College  
Bidar





Add-on Course on Logical Reasoning  
Batch-I Attendance (2021-22)

SL.No	NAME OF THE STUDENT	11/8/22	12/2/22	13/2/22	19/7/22	25/2/22	26/2/22	4/3/22	5/3/22	11/3/22	12/3/22
1	Deeksha jagannath	P	P	P	P	P	A	A	P	A	A
2	Sudhakar jagannath	A	A	A	A	A	A	A	A	A	P
3	Pooja	P	A	P	P	P	P	P	P	P	A
4	Ajay ramesh	A	P	A	P	P	P	P	P	P	A
5	Vijay giri Balaji giri	P	P	P	A	A	P	P	A	P	P
6	Jagadish ramesh	P	P	A	A	P	A	A	P	A	A
7	Siddharth Prakash	A	A	P	P	P	P	P	A	P	P
8	Ram Bhimarao	P	P	A	P	A	P	P	P	P	P
9	Ganesh	P	P	P	P	P	P	A	P	P	A
10	Mallikarjun umesh	A	A	A	A	P	A	P	A	P	P
11	Vishnukanth	P	A	P	A	A	P	P	P	A	P
12	Chamundeshawari	P	P	A	P	P	P	A	P	A	A
13	Anjali kalidas	A	P	P	P	P	A	P	A	P	P
14	Pooja nagappa	P	A	A	P	A	P	P	P	P	P
15	Bhavani shivkumar	P	A	P	P	P	P	A	P	A	A
16	Akshata shivkumar	A	P	A	A	P	A	A	A	P	P
17	Prerana pradeepkumar	P	P	P	A	A	P	P	A	A	P
18	Vedkumar	P	P	A	P	P	P	P	P	A	A
19	Chaya patil	A	P	P	P	P	A	A	P	P	A
20	Shrushti mallappa	P	P	A	A	A	P	A	A	P	P
21	Pooja chandrappa	P	A	P	P	P	P	P	P	A	P
22	Sushmita neelkanth	A	A	P	P	P	P	P	P	P	A
23	Divyajyoti sanjeevkumar	P	P	P	P	A	A	P	A	P	P
24	Pooja rajkumar	P	P	P	A	P	P	P	A	P	A
25	Richrd srinivas	A	A	P	P	P	A	A	P	A	A
Sign of faculty	Somya - C										

HOD  
Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

Principal  
Karnatak Arts, Science & Commerce College,  
Bidar





Add-on Course on Logical Reasoning  
Batch- II Attendance (2021-22)

SL.No	NAME OF THE STUDENT	11/2/22	12/2/22	13/2/22	14/2/22	15/2/22	16/2/22	17/2/22	18/2/22	19/2/22	20/2/22	21/2/22	22/2/22
1	Eshwari Sangappa	P	P	P	A	A	P	A	P	P	P	P	P
2	Saikumar biradar	A	A	A	P	P	P	P	P	A	P	P	P
3	Vishal kashinath	P	P	P	P	P	P	P	P	P	P	P	P
4	Kalpna Ravindra	A	P	P	A	P	A	A	A	P	A	P	A
5	Christina Navomi	A	P	A	P	A	P	A	P	P	P	P	P
6	Sana Fatima	P	A	P	P	P	P	P	P	A	P	P	P
7	Ashwini Rajshekar	P	P	P	A	P	A	P	P	P	P	P	P
8	Mobusheera Fatima	A	P	A	P	P	P	P	A	P	P	P	A
9	Sangmeshawari Basavaraj	P	A	P	P	A	A	P	P	A	P	P	P
10	Devika Hari Dattashwar	P	P	P	A	P	P	A	P	P	P	P	P
11	Keerti Vijayareddy	A	P	A	P	P	P	P	P	P	P	P	A
12	Soumya Mohan	P	P	P	P	A	P	P	P	P	P	P	P
13	Nikita Chandrakant	P	P	P	A	P	P	P	P	A	P	P	P
14	Sujata Basyya swamy	A	A	A	P	P	A	A	A	P	A	P	A
15	Sujata Basavaraj	P	A	P	P	P	A	A	P	P	P	P	P
16	Anjali chandrakanth	A	P	P	A	A	P	P	P	A	P	P	P
17	Sanjana rajshekar patil	P	P	A	P	P	P	P	A	P	P	P	P
18	Vaishnavi Rajkumar	P	P	P	P	P	A	A	P	P	P	P	P
19	Shweta Sharanappa	P	A	P	A	P	P	P	P	A	P	P	P
20	Chandana Hanmantha	D	P	A	P	A	P	P	P	A	A	P	A
21	Aloka Sanjukumar	A	P	P	P	P	P	P	P	P	P	P	P
22	Durgadevi Digambar	P	A	P	P	P	A	P	A	P	P	P	P
23	Hassa Anjum	P	P	A	P	P	P	P	P	P	P	P	P
24	Khizor khaton	P	P	P	P	A	P	P	P	A	P	P	P
25	Poonam N	P	P	P	A	P	P	P	A	P	P	P	P
Sign of Faculty	Ditasha												

*Admission?*  
HOD M. ...  
Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

Principal

ಕರ್ನಾಟಕ ಕಲಾ, ವಿಜ್ಞಾನ ಮತ್ತು ವಾಣಿಜ್ಯ ಕಾಲೇಜು, ಬಿದರ  
ಕುಲಸಚಿವರು, ಬಿದರ





KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics

Date: 30/03/2022

### NOTICE

All the students enrolled in add-on course on Logical Reasoning are hereby informed that, the course examination is scheduled on 09-04-2022 at 10 am to 12pm

HOD

HOD  
Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

Principal

ಪ್ರಾಂಶುಪಾಲರು  
ಕರ್ನಾಟಕ ಆರ್ಟ್ಸ್ ಮತ್ತು ಕಾಮರ್ಸ್ ಕಾಲೇಜು,  
ಬಿದರ್



K.R.E Society's  
Karnatak Arts, Science and Commerce College Bidar  
Department Of Mathematics



Internal assessment attendance List 2021-22

Class: B.Sc III sem(Batch-1)

Sl.No	NAME OF THE STUDENT	Signature
1.	Deeksha jagannath	<i>Deeksha M</i>
2.	Sudhakar jagannath	<i>Sudhakar</i>
3.	Pooja	<i>Pooja</i>
4.	Ajay ramesh	<i>Ajay</i>
5.	Vijay giri Balaji giri	<i>Vijay Giri</i>
6.	Jagadish ramesh	<i>Jagadish</i>
7.	Siddharth Prakash	<i>Siddharth</i>
8.	Ram Bhimarao	<i>Ram</i>
9.	Ganesh	<i>Ganesh</i>
10.	Mallikarjun umesh	<i>Mallikarjun</i>
11.	Vishnukanth	<i>Ab</i>
12.	Chamundeshawari	<i>Chamundi</i>
13.	Anjali kalidas	<i>Anjali</i>
14.	Pooja nagappa	<i>Pooja</i>
15.	Bhavani shivkumar	<i>Bhavani</i>
16.	Akshata shivkumar	<i>Akshata</i>
17.	Prerana pradeepkumar	<i>Prerana</i>
18.	Vedkumar	<i>Vedkumar</i>
19.	Chaya patil	<i>Chaya</i>
20.	Shrushti mallappa	<i>Shrushti</i>
21.	Pooja chandrappa	<i>Pooja</i>
22.	Sushmita neelkanth	<i>Sushmita</i>
23.	Divyajyoti sanjeevkumar	<i>Divya</i>
24.	Pooja rajkumar	<i>Pooja</i>
25.	Richrd srinivas	<i>Richrd</i>

*Bdumini*

Staff incharge

*Bdumini*

HOD

Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

*[Signature]*  
Principal

ಕರ್ನಾಟಕ ಪದವಿ ಮತ್ತು ಸಂಶೋಧನೆ  
ಕಾಲೇಜು ಬಿದರ




K.R.E Society's  
Karnatak Arts, Science And Commerce College Bidar  
Department Of Mathematics  
Internal assessment attendance List 2021-22



Class: B.Sc Vsem (Batch-2)

Sl.No	NAME OF THE STUDENT	Signature
1.	Eshwari Sangappa	Eshwari
2.	Saikumar biradar	Saikumar
3.	Vishal kashinath	Vishal
4.	Kalpana Ravindra	Kalpana
5.	Christina Navomi	christina
6.	Sana Fatima	Sana
7.	Ashwini Rajshekar	Ashwini
8.	Mobusheera Fatima	Mobusheera
9.	Sangmeshawari Basavaraj	Sangmeshawari
10.	Devika Hari Dattashwar	Devika
11.	Keerti Vijayareddy	Keerti
12.	Soumya Mohan	Soumya
13.	Nikita Chandrakant	Nikita
14.	Sujata Basyya swamy	Sujata
15.	Sujata Basavaraj	Sujata
16.	Anjali chandrakanth	Anjali
17.	Sanjana rajshekar patil	Sanjana
18.	Vaishnavi Rajkumar	Vaishnavi
19.	Shweta Sharanappa	Shweta
20.	Chandana Hanmantha	Chandana
21.	Aloka Sanjukumar	Aloka
22.	Durgadevi Digambar	Durgadevi
23.	Hassa Anjum	Hassa
24.	Khizor khaton	Khizor
25.	Poonam N	Poonam

  
Staff incharge

  
HOD

  
Principal

KARNATAK PG & UG COLLEGE  
BIDAR



K.R.E Society's  
KARNATAK ART, SCIENCE AND COMMERCE COLLEGE BIDAR  
ADD-ON COURSE INTERNAL ASSESSMENT



DEPARTMENT OF MATHEMATICS

SUBJECT: Logical Reasoning

Time: 09am to 10am

Max. Marks: 40

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INSTRUCTIONS TO THE CANDIDATE

1. The paper consist of 30 multiple choice question with 4 answers. Before starting to answer the question, verify whether you got correct test booklet and the test booklet contains 30 questions with answer.
2. Each question has four alternative answer A, B, C, D. the correct answer has to chosen only one and you have to tick ( $\checkmark$ ) the answer.
3. The candidate shall use only Blue / black pen.
4. There is no negative making for the incorrect answer.
5. If a candidate wishes to leave examination during the middle of the examination, he will not be allowed to take the test booklet with him.
6. A candidate is forbidden from carrying a Mobile phone, calculator, I-Phone or any other electronic device into examination hall. In case accidently a candidate has brought any of such things, he shall hand it over the room supervisor before the commencement of the examination and collect it back after the completion of the examination.
7. In case candidate is found to process any such devices, he will booked under the Malpractice case.



1. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?
 

A. 71 years	B. 72 years
C. 74 years	D. 77 years
  
2. A pineapple costs Rs. 7 each. A watermelon costs Rs. 5 each. X spends Rs. 38 on these fruits. The number of pineapples purchased is
 

A. 2	B. 3
C. 4	D. Data inadequate
  
3. A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum." The woman's age is
 

A. 23 years	B. 34 years
C. 45 years	D. None of these
  
4. A girl counted in the following way on the fingers of her left hand : She started by calling the thumb 1, the index finger 2, middle finger 3, ring finger 4, little finger 5 and then reversed direction calling the ring finger 6, middle finger 7 and so on. She counted upto 1994. She ended counting on which finger ?
 

A. Thumb	B. Index finger
C. Middle finger	D. Ring finger
  
5. A man has Rs. 480 in the denominations of one-rupee notes, five-rupee notes and ten-rupee notes. The number of notes of each denomination is equal. What is the total number of notes that he has ?
 

A. 45	B. 75
C. 60	D. 90
  
6. What is the product of all the numbers in the dial of a telephone ?
 

A. 1,58,480	B. 1,59,450
C. 1,59,480	D. None of these
  
7. A is 3 years older to B and 3 years younger to C, while B and D are twins. How many years older is C to D?
 

A. 2	B. 3
C. 6	D. 12
  
8. year old Manick is three times as old as his brother Rahul. How old will Manick be when he is twice as old as Rahul ?
 

A. 14 years	B. 16 years
C. 18 years	D. 20 years



9. There are deer and peacocks in a zoo. By counting heads they are 80. The number of their legs is 200. How many peacocks are there ?  
 A. 20                      B. 30  
 C. 50                      D. 60
10. A father is now three times as old as his son. Five years back, he was four times as old as his son. The age of the son (in years) is  
 A. 12                      B. 15  
 C. 18                      D. 20
11. Choose the word which is least like the others word in a group?  
 A. Calendar              B. Date  
 C. Day                      D. Month
12. Choose the word which is least like the others word in a group?  
 A. Carrot                  B. Ginger  
 C. Potato                  D. Tomato
13. Choose the word which is least like the others word in a group?  
 A. Parrot                  B. Vulture  
 C. Swan                    D. Sparrow
14. Choose the word which is least like the others word in a group?  
 A. Moon                    B. Sun  
 C. Universe                D. Star
15. The ratio of boys and girls in village D is 5:3 respectively, and ratio of boys and girls to whom Polio drops were not given in village D is 3:1 respectively. Find the ratio of number of boys to the number of girls who were given Polio drops in village D.  
 A. 37:                      B. 43:32  
 C. 57:36                    D. 73:47
16. If shop C sold 30% more units of Computer as compare to shop B and it sold 25% less units of PD as compare to shop A. Find the difference between the units of Computers sold by Shop C and the total units of PD sold by Shop C ?  
 A. 78                      B. 79  
 C. 80                      D. 74
17. Find the ratio between the total units sold by shop A to that of shop B ?  
 A. 13 : 17                    B. 17 : 13  
 C. 251 : 229                D. None of these



18. Total number of units of Mouse sold by both shops are what percent of the total number of units of other items sold by both shops?
- A. 115%  
B. 110%  
C. 120%  
D. 135%
19. Find the difference between the average units of Computer and Hard disk together sold by shop A to the total number of units of printer and PD together sold by shop B.
- A. 610  
B. 620  
C. 640  
D. None of these
20. What is the ratio of the interest earned by Rajan from scheme B to the interest earned by Rāhul from scheme A? Both the schemes offer simple interests.
- A. 17:50  
B. 33:100  
C. 63:200  
D. 21:60



K.R.E Society's  
KARNATAK ART, SCIENCE AND COMMERCE COLLEGE BIDAR  
ADD-ON COURSE INTERNAL ASSESSMENT



DEPARTMENT OF MATHEMATICS

SUBJECT: Logical Reasoning

Name of the Candidate: Poonam. N

Class: Bsc IV Sem.

20  
40

Max. Marks: 40

Q.N	Options	Q.N	Options
1 ✓	<input checked="" type="radio"/> (a) (b) (c) (d)	11 ✓	(a) (b) (c) <input checked="" type="radio"/> (d)
2 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)	12 ✓	(a) <input checked="" type="radio"/> (b) (c) (d)
3 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)	13 ✓	<input checked="" type="radio"/> (a) (b) (c) (d)
4 ✓	(a) (b) (c) <input checked="" type="radio"/> (d)	14 ✓	(a) <input checked="" type="radio"/> (b) (c) (d)
5 ✓	(a) (b) (c) <input checked="" type="radio"/> (d)	15 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)
6 ✓	(a) (b) (c) <input checked="" type="radio"/> (d)	16 ✓	<input checked="" type="radio"/> (a) (b) (c) (d)
7 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)	17 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)
8 ✓	(a) <input checked="" type="radio"/> (b) (c) (d)	18 ✓	(a) (b) (c) <input checked="" type="radio"/> (d)
9 ✓	<input checked="" type="radio"/> (a) (b) (c) (d)	19 ✓	(a) <input checked="" type="radio"/> (b) (c) (d)
10 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)	20 ✓	(a) (b) <input checked="" type="radio"/> (c) (d)

Sign of candidate

sign of Invigilator



K.R.E Society's  
Karnatak Arts, Science and Commerce College Bidar  
Department Of Mathematics  
Examination attendance List 2021-22

Class: B.Sc III sem (Batch-1)



Sl.No	NAME OF THE STUDENT	Signature
1.	Deeksha jagannath	
2.	Sudhakar jagannath	
3.	Pooja	
4.	Ajay ramesh	
5.	Vijay giri Balaji giri	
6.	Jagadish ramesh	
7.	Siddharth Prakash	
8.	Ram Bhimarao	
9.	Ganesh	
10.	Mallikarjun umesh	
11.	Vishnukanth	
12.	Chamundeshawari	
13.	Anjali kalidas	
14.	Pooja nagappa	
15.	Bhavani shivkumar	
16.	Akshata shivkumar	
17.	Prerana pradeepkumar	
18.	Vedkumar	
19.	Chaya patil	
20.	Shrushti mallappa	
21.	Pooja chandrappa	
22.	Sushmita neelkanth	
23.	Divyajyoti sanjeevkumar	
24.	Pooja rajkumar	
25.	Richrd srinivas	

Invigilator Sign

HOD

Dept. of Mathematics  
Karnatak PG & UG College  
BIDAR

Principal

ಅಧ್ಯಾಪಕರು  
ಕರ್ನಾಟಕ ಶಾಲಾ ವಿಜ್ಞಾನ ಶಾಲಾ ವಿದ್ಯಾಪೀಠ,  
ಮಹಾವಿದ್ಯಾಲಯ ಬಿದರ



K.R.E Society's  
Karnatak Arts, Science and Commerce College Bidar  
Department Of Mathematics  
Examination attendance List 2021-22  
Class: B.Sc V sem(Batch-2)



Sl.No	NAME OF THE STUDENT	Signature
1.	Eshwari Sangappa	Eshwari
2.	Saikumar biradar	Ab
3.	Vishal kashinath	Vishal
4.	Kalpana Ravindra	Kalpana
5.	Christina Navomi	Christina
6.	Sana Fatima	Sana
7.	Ashwini Rajshekar	Ashwini
8.	Mobusheera Fatima	Mobusheera
9.	Sangmeshawari Basavaraj	Sangmeshawari
10.	Devika Hari Dattashwar	Devika
11.	Keerti Vijayareddy	Keerti
12.	Soumya Mohan	Soumya
13.	Nikita Chandrakant	Nikita
14.	Sujata Basya swamy	Sujata
15.	Sujata Basavaraj	Sujata
16.	Anjali chandrakanth	Anjali
17.	Sanjana rajshekar patil	Sanjana
18.	Vaishnavi Rajkumar	Vaishnavi
19.	Shweta Sharanappa	Shweta
20.	Chandana Hanmantha	Chandana
21.	Aloka Sanjukumar	Aloka
22.	Durgadevi Digambar	Durgadevi
23.	Hassa Anjum	Hassa
24.	Khizor khaton	Khizor Khaton
25.	Poonam N	Poonam

  
Invigilator Sign

  
HOD

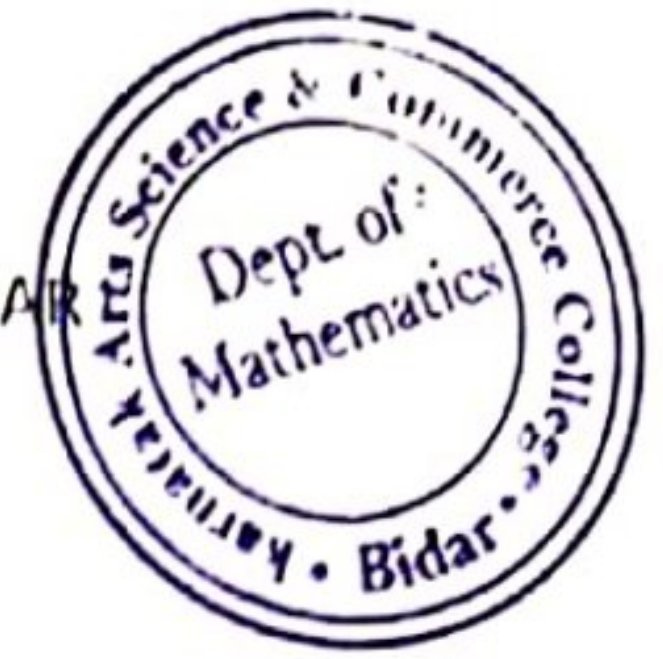
Dept. of Mathematics  
Karnatak PO & UG College  
BIDAR

  
Principal  
ಕರ್ನಾಟಕ ಕಲಾ ವಿಜ್ಞಾನ ಹಾಗೂ ವಾಣಿಜ್ಯ  
ಮಹಾವಿದ್ಯಾಲಯ ಬಿದರ



K.R.E Society's  
KARNATAK ART, SCIENCE AND COMMERCE COLLEGE BIDAR  
ADD-ON COURSE EXAMINATION

DEPARTMENT OF MATHEMATICS



SUBJECT: Logical Reasoning

Time: 10 AM TO 12 PM

Max. Marks: 60

INSTRUCTIONS TO THE CANDIDATE

1. The paper consist of 30 multiple choice question with 4 answers. Before starting to answer the question, verify whether you got correct test booklet and the test booklet contains 30 questions with answer.
2. Each question has four alternative answer A, B, C, D. the correct answer has to chosen only one and you have to tick ( $\checkmark$ ) the answer.
3. The candidate shall use only Blue / black pen.
4. There is no negative making for the incorrect answer.
5. If a candidate wishes to leave examination during the middle of the examination, he will not be allowed to take the test booklet with him.
6. A candidate is forbidden from carrying a Mobile phone, calculator, I-Phone or any other electronic device into examination hall. In case accidentally a candidate has brought any of such things, he shall hand it over the room supervisor before the commencement of the examination and collect it back after the completion of the examination.
7. In case candidate is found to process any such devices, he will booked under the Malpractice case.



1. If Arun says, "Vimal's mother is the only daughter of my mother", how is Arun related to Vimal?
  - A. Father
  - B. Brother
  - C. Grandfather
  - D. None of these
2. Prasanna said, "This girl is the wife of the grandson of my mother." Who is Prasanna to the girl?
  - A. Father
  - B. Mother
  - C. Father-in-law
  - D. Grandfather
3. A woman introduces a man as the son of the brother of her mother. How is the man related to the woman?
  - A. Son
  - B. Nephew
  - C. Grandson
  - D. Uncle
4. A man pointing to a photograph says, "The lady in the photograph is my nephew's maternal grandmother." How is the lady in the photograph related to the man's sister who has no other sister?
  - A. Mother
  - B. Cousin
  - C. Mother-in-law
  - D. Sister-in-law
5. What is the ratio of male employees in Genpact to the female employees of Infosys in 2019?
  - A. 1120:600
  - B. 1281:550
  - C. 1225:67
  - D. 1175:650
6. Total Products sold by Avdesh and Rahul together is what percent more than total products sold by Saket and Vimal together?
  - A. 23.75%
  - B. 23.25%
  - C. 24.50%
  - D. 23.35%
7. Which company has the second highest number of employees in 2019?
  - A. Genpact
  - B. Microsoft
  - C. Google
  - D. Infosys
8. Find the average of number of Bronze medals won by India, Korea and Indonesia taken together in Asian Games.
  - A. 18
  - B. 22
  - C. 25
  - D. 30



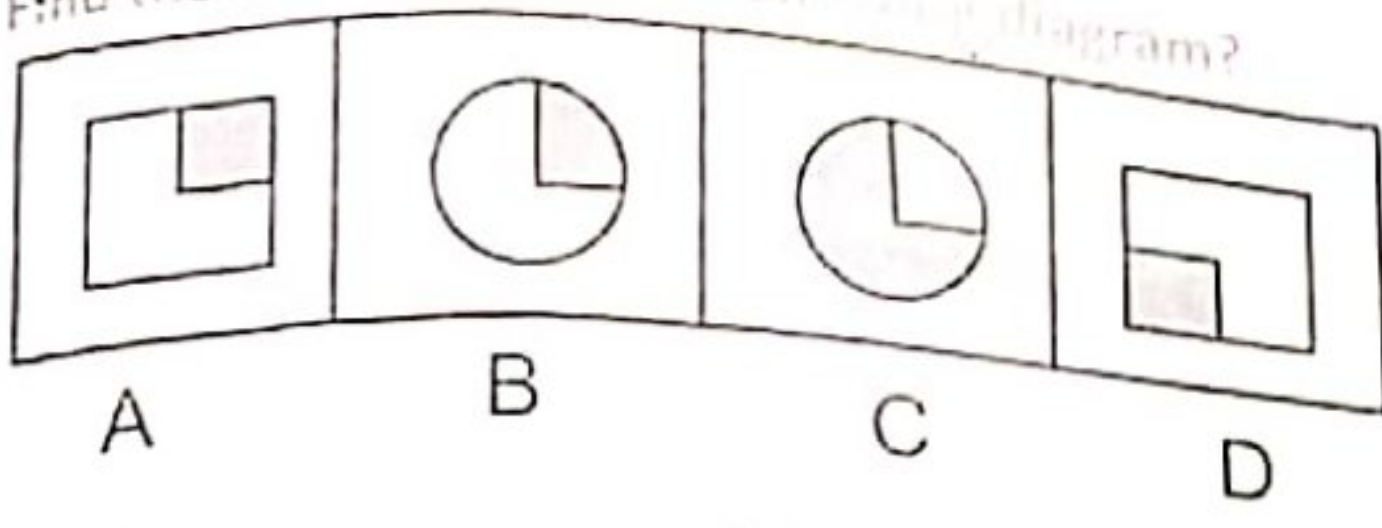
9. 'Q' type product sold by Ajay is how much less than 'Q' type product sold by Shubham if total product sold by Shubham is 55% more than total products sold by Ajay.
- A. 120  
B. 60  
C. 31  
D. None of these
10. Find the average total revenue (revenue from printed version + revenue from online version) from Rajasthan, over the months.
- A. 3,96,800  
B. 3,96,60  
C. 3,96,500  
D. 3,29,00
11. The ratio of boys and girls in village D is 5:3 respectively, and ratio of boys and girls to whom Polio drops were not given in village D is 3:1 respectively. Find the ratio of number of boys to the number of girls who were given Polio drops in village D.
- A. 37:21  
B. 43:32  
C. 57:36  
D. 73:47
12. If shop C sold 30% more units of Computer as compare to shop B and it sold 25% less units of PD as compare to shop A. Find the difference between the units of Computersold by Shop C and the total units of PD sold by Shop C ?
- A. 78  
B. 79  
C. 80  
D. 74
13. Find the ratio between the total units sold by shop A to that of shop B ?
- A. 13 : 17  
B. 17 : 13  
C. 251 : 229  
D. None of these
14. Total number of units of Mouse sold by both shops are what percent of the total number of units of other items sold by both shops?
- A. 115%  
B. 110%  
C. 120%  
D. 135%
15. Find the difference between the average units of Computer and Hard disk together sold by shop A to the total number of units of printer and PD together sold by shop B.
- A. 610  
B. 620  
C. 640  
D. None of these
16. What is the ratio of the interest earned by Rajan from scheme B to the interest earned by Rahul from scheme A? Both the schemes offer simple interests.
- A. 17:50  
B. 33:100  
C. 63:200  
D. 21:65
17. The average number of chocolates of Dairy Milk, 5-star and Mars taken together is equal to number of chocolates distributed of which of the given type?
- A. 5-Star  
B. Snickers  
C. Mars  
D. None of these



18. B, F and G started working together but after 8 days F left the job and the remaining work is done by B and G together. In overall how many days does the work get completed?
- A. 34 days  
B. 36 days  
C. 38 days  
D. 40 days
19. What is the difference between the total interests earned by Ramesh from both the schemes together and total interest earned by Rohan from both the schemes together? Both the schemes A and B offers compound interest.
- A. Rs. 5,592.07  
B. Rs. 5,612.35  
C. Rs. 5,612.35  
D. Rs. 5,622.25
20. The scale of moving (M.I) instrument is
- A. uniform  
B. cramped  
C. Linear  
D. all the above
21. Which of the following meters is an integrating type instrument?
- A. Ammeter  
B. Voltmeter  
C. Wattmeter  
D. Energy meter
22. Which instrument has the lowest resistance?
- A. Ammeter  
B. voltmeter  
C. Megger  
D. frequency meter
23. Megger is an instrument to measure
- A. A very low resistance  
B. Insulation resistance  
C.  $Q$  of coil  
D. Inductance of coil
24. The controlling torque in gravity controlled meter is proportional to
- A.  $\cos\theta$   
B.  $\sin\theta$   
C.  $\tan\theta$   
D. 0
25. What is the unit of force
- A. Newton  
B. pascal  
C. ohm  
D. none of these



26. Find the odd image in the following diagram?



- (A) (B)
- (C) (D)

27. Find out the odd word/letters/ number/number pair from the given alternatives.

- (A) Mohammad Azharuddin (B) Sunil Gavaskar
- (C) Dhyan Chand (D) Yuvraj Singh

28. In each of the following select the one which is different from other three responses.

- (A) 88 (B) 97
- (C) 13 (D) 121

29. Select the odd word/letters/number/number pair from the given alternatives.

- (A) Perpendicular (B) Base
- (C) Hypotenuse (D) Radius

30. The total of the ages of Amar, Akbar and Anthony is 80 years. What was the total of their ages three years ago?

- A. 71 years B. 72 years
- C. 74 years D. 77 years



K.R.E Society's  
KARNATAK ART, SCIENCE AND COMMERCE COLLEGE  
ADD-ON COURSE EXAMINATION

DEPARTMENT OF MATHEMATICS



46  
60

SUBJECT: Logical Reasoning

Name of the Candidate: Ashwini D/o Rajshekhara  
Class : B.Sc V<sup>th</sup> sem

Max. Marks: 60

Q.N	Options	Q.N	Options	Q.N	Options
1	(a) (b) (c) (d) ●	11	(a) (b) (c) (d) ●	21	(a) (b) (c) (d) ●
2	● (b) (c) (d)	12	● (b) (c) (d)	22	(a) ● (c) (d)
3	(a) (b) (c) (d) ●	13	(a) (b) ● (d)	23	(a) ● (c) (d)
4	● (b) (c) (d)	14	● (b) (c) (d)	24	● (b) (c) (d)
5	(a) ● (c) (d)	15	(a) (b) (c) (d) ●	25	● (b) (c) (d)
6	(a) (b) (c) ● (d)	16	(a) (b) ● (d)	26	(a) (b) ● (d)
7	(a) (b) (c) ● (d)	17	(a) (b) (c) ● (d)	27	(a) (b) ● (d)
8	(a) ● (c) (d)	18	● (b) (c) (d)	28	(a) ● (c) (d)
9	(a) (b) ● (d)	19	(a) ● (c) (d)	29	(a) ● (c) (d)
10	(a) (b) (c) ● (d)	20	(a) ● (c) (d)	30	● (b) (c) (d)

Aed  
Sign of candidate

[Signature]  
sign of Invigilator



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Add-on Course on Logical Reasoning  
Marks List (2021-22)  
Class: B.Sc III sem(Batch-1)

SL. No	Name of the student	Assignment	Examination	Total
1	Deeksha jagannath	32	38	70
2	Sudhakar jagannath	20	-Ab-	20
3	Pooja	22	46	68
4	Ajay ramesh	36	36	72
5	Vijay giri Balaji giri	36	52	88
6	Jagadish ramesh	22	34	56
7	Siddharth Prakash	20	38	58
8	Ram Bhimarao	-26	-Ab-	26
9	Ganesh	26	54	80
10	Mallikarjun umesh	30	48	78
11	Vishnukanth	-Ab-	-Ab-	Ab
12	Chamundeshawari	26	30	56
13	Anjali kalidas	-30	-Ab-	30
14	Pooja nagappa	22	50	72
15	Bhavani shivkumar	20	28	48
16	Akshata shivkumar	26	48	74
17	Prerana pradeepkumar	30	32	62
18	Vedkumar	22	-Ab-	22
19	Chaya patil	22	34	56
20	Shrushti mallappa	30	22	52
21	Pooja chandrappa	24	30	54
22	Sushmita neelkanth	22	22	44
23	Divyajyoti sanjeevkumar	20	24	44
24	Pooja rajkumar	30	-Ab-	30
25	Richrd srinivas	36	-Ab-	36
Sign of Faculty				

*[Signature]*

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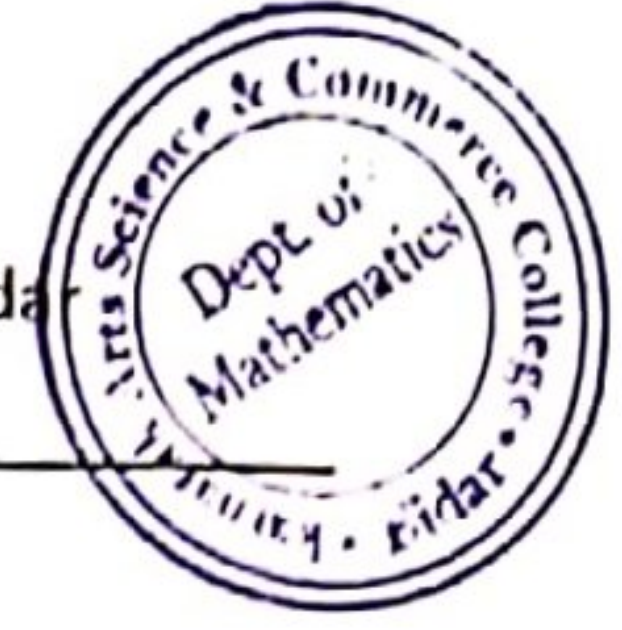
*[Signature]*  
Principal

Karnatak PG & UG College  
BIDAR

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ಕಾಲೇಜು, ಬಿದರ



KRE Society's  
Karnatak Arts, Science and Commerce College, Bidar  
Department of Mathematics



Add-on Course on Logical Reasoning  
Marks List (2021-22)  
Class: B.Sc Vsem (Batch-2)

SL. No	Name of the student	Assignment	Examination	Total
1	Eshwari Sangappa			
2	Saikumar biradar	26	50	76
3	Vishal kashinath	26	-Ab-	26
4	Kalpana Ravindra	28	46	74
5	Christina Navomi	22	52	74
6	Sana Fatima	20	54	74
7	Ashwini Rajshekar	22	54	76
8	Mobusheera Fatima	24	46	70
9	Sangmeshawari Basavaraj	22	50	72
10	Devika Hari Dattashwar	18	50	68
11	Keerti Vijayareddy	26	38	64
12	Soumya Mohan	18	60	78
13	Nikita Chandrakant	26	50	76
14	Sujata Basyya swamy	24	46	70
15	Sujata Basavaraj	20	36	56
16	Anjali chandrakanth	26	38	64
17	Sanjana rajshekar patil	22	48	70
18	Vaishnavi Rajkumar	16	46	62
19	Vaishnavi Rajkumar	22	34	56
20	Shweta Sharanappa	26	48	74
21	Chandana Hanmantha	22	24	46
22	Aloka Sanjukumar	24	52	76
23	Durgadevi Digambar	20	34	54
24	Hassa Anjum	22	50	72
25	Khizor khaton	26	60	86
26	Poonam N	20	20	40
Sign of Faculty				

*[Signature]*

HOD

Dept. of Mathematics  
Karnatak PG & UG College,  
BIDAR

*[Signature]*  
Principal

ಪ್ರಾಂಶುಪಾಲರು  
ಕರ್ನಾಟಕ ಶಾಲಾ ವಿಜ್ಞಾನ ಹಾಗೂ ವಾಣಿಜ್ಯ,  
ಪಾಠ್ಯವಿಜ್ಞಾನ ಮತ್ತು ಅಧ್ಯಯನ ಇಲಾಖೆ



Report



Name of the Course: Logical Reasoning (Add-on course)

Name of the Department: Mathematics

Name of the B.O.S: Dr.Channakeshava Murthy (Asst.Proffessor)

Number of Student: 25(B1), 25(B2)

BOS Meeting Date: 11/09/21

Start date of course: 1/12/2021

End date of course: 30 /03/2022

Department of Mathematics conducted Add-on course on Logical reasoning. Logical Reasoning helps to student's competitive examination, improving the Mathematical skill and students solve the space visualization difference between the numbers and distance of time responding performance is well and good. Logical Reasoning is a part of almost all major Government exams conducted in the all competitive examination and is one of the most scoring sections as well as students who are preparing for the upcoming examination. At the end of term we are conducting examination on Logical reasoning, declared the result.

*Peduru*

HOD

Dept. of M.  
Karnatak PG & UG College  
BIDAR

*[Signature]*  
PRINCIPAL

ಪ್ರಾಚಾರ್ಯರು.  
ಕರ್ನಾಟಕ ಪದವಿ ಮತ್ತು ಸ್ನಾತಕೋತ್ತರ ಕಾಲೇಜು,  
ಬಿದರ







