

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



DEPARTMENT OF MATHEMATICS

Department Best Practice 2017-18

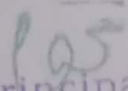
Odd Semester

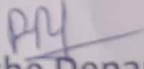
**"Training on attempting competitive exams"
(for B.Sc final year Students)**

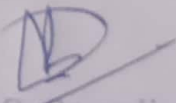
BLDE ASSOCIATION'S
S.B.ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
Department of Mathematics

NOTICE

It is informed to the all B. Sc students that the Department of Mathematics is conducting Department Best Practice on attempting competitive exam from July 2017 to October 2017. So, interested students have to take their admission before 11 July 2017. The classes will be conducted every Sunday from 9 am to 12 pm in the Room No 25.


Principal,
S.B.Arts & K.C.P. Science College
BIJAPUR.


Head of the Department
H. O. D.
Department of Mathematics,
S. B. Arts & K. C. P. Science
College, BIJAPUR.


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

We are introducing the new course for B.Sc final year students involving training on the topic mentioned in syllabus.

COURSE AND CONTENTS

1. Objectives:

The main objectives is to make students trained in attempting competitive exams like Banking, PDO, SDA, FDA and Police etc

2. Scope:

The students who have interested in this course will get benefit for this course, which will help them in dealing competitive exams.

3. Syllabus:

Unit-1: Clock , Calendar, Time and Work

Unit-2: Simple interest

Unit-3: Coding, Decoding and number series

Unit-4:Sitting arrangement

Unit-5: Simplifications

Unit-6: Data Interpretation

TOTAL DURATION OF THE COURSE- 30 HOURS

TIME SCHEDULE

Sl.No	Topics	Hours
1	Unit-1: Clock , Calendar, Time and Work	5
2	Unit-2: Simple interest	5
3	Unit-3: Coding, Decoding and number series	5
4	Unit-4: Sitting arrangement	5
5	Unit-5: Simplifications	5
6	Unit-6: Data Interpretation	5

Evaluation:

We will conduct test for the students after completion of this course and we will choose highest scorers and also we will give certificate for this course to every student

TIME-TABLE 2017-18

Date	Duration	Name of the Faculty
23/7/17	9am to 12pm	S.V. Thombare
30/7/17	9am to 12pm	S.V. Thombare
06/8/17	9am to 12pm	Pallavi Nimbalkar
13/8/17	9am to 12pm	Pallavi Nimbalkar
20/8/17	9am to 12pm	Pavitra Chavan
27/8/17	9am to 12pm	N. Ramesh
03/9/17	9am to 12pm	N. Ramesh.
10/9/17	9am to 12pm	Jinammatti Ainapur
17/9/17	9am to 12pm	Pratima Bhandi
24/9/17	9am to 12pm	Pratima Bhandi
01/10/17	9am to 12pm	Pratima Bhandi
07/10/17	9am to 12pm	Suprita Pattanshetti

STUDENT ATTENDANCE

No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Priyanka Rajput	1	2	2	3	4	5	6	7	8	9	10	10	11
2.	Pushpa Harawal.	1	2	3	4	5	6	7	8	9	10	11	12	13
3.	Radha Kulkarni	1	2	3	4	5	5	6	7	8	8	9	10	11
4.	Raghavendra Sonar	1	2	3	3	4	5	6	7	8	9	10	11	12
5.	Rajashkhar J.	1	2	3	4	5	5	6	7	8	9	10	11	12
6.	Rajashree Desunagi	0	1	2	3	4	5	6	7	8	9	9	10	11
7.	Rakshita Pattanashetti	1	2	3	3	4	5	6	7	7	8	9	10	11
8.	Ramesh Tadhar	1	2	3	4	5	6	7	8	9	10	11	12	13
9.	Rameshgouda Patil	0	1	2	3	4	5	5	6	7	7	8	9	10
10.	Ranee Mathapati	1	2	2	3	4	5	6	7	7	8	9	10	11
11.	Rashmi Hattali	1	2	2	3	4	5	5	6	7	8	9	10	11
12.	Rashmi Patil	0	1	2	2	3	4	5	5	6	7	8	9	10
13.	Rashmi Satihal	1	2	2	3	4	5	6	7	7	8	9	10	11
14.	Appalal Rathod	1	2	2	3	4	5	5	6	7	8	9	10	11
15.	Rekha Teli	0	1	2	3	4	5	6	7	8	8	9	10	10
16.	Rekha Hirekumar	0	1	2	3	4	5	6	7	8	9	10	10	11
17.	Bekha Rathod	1	2	3	4	5	6	7	7	8	9	10	11	12
18.	Benuka Hosamani	1	2	3	4	4	5	5	6	7	8	9	10	11
19.	Roopa Katageri	0	1	2	3	3	4	5	6	7	7	8	9	10
20.	Rukashana Mulla	1	2	3	4	5	5	6	7	8	9	10	11	11
21.	Sachin Murand	1	2	3	4	4	5	6	7	8	9	10	11	12
22.	Sachin Myagoti	1	1	2	3	4	5	6	7	8	9	9	10	11
23.	Sachinkumar Kannur	1	2	3	3	4	5	5	6	7	7	8	9	10
24.	Sachinkumar Metri	1	1	2	3	3	4	5	6	7	8	9	10	11
25.	Sahana Baragali	1	2	3	3	4	5	6	7	8	8	9	10	11
26.	Sameer Arab	1	1	2	3	4	5	6	7	8	9	10	11	12
27.	Sangeeta Kallur	1	1	2	3	3	4	5	6	7	8	8	9	10
28.	Sangeeta Marguse	1	2	3	4	5	6	7	8	9	10	11	12	12
29.	Sapna Sheelin	1	2	3	4	4	5	6	7	8	9	10	11	12

REGISTER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	No. of days Present	Date Adm. the class progresses	
12	13	14	15	15	16	17	18	19	20	21	22	23	24	24	25	26	27	28	29			
14	15	15	16	17	18	19	20	21	21	22	23	24	24	25	26	27	28	29	30			
12	13	14	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
13	14	15	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30			
13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30	31			
12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	29			
12	13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30			
14	14	15	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29				
11	12	13	14	15	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28			
12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	30			
12	13	14	15	16	17	18	19	19	20	21	22	23	24	25	25	26	27	28	29			
11	12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	25	26	27	28			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30			
11	12	13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30				
13	14	15	16	17	18	19	20	21	22	23	24	24	25	25	26	27	28	29	30			
12	13	14	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29			
11	12	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
12	13	14	14	15	16	17	18	18	19	20	21	23	24	24	25	25	26	27	28	29		
13	14	15	16	17	18	18	19	20	21	22	23	24	25	25	26	27	28	29	30			
12	13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30			
11	12	13	14	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30	
12	13	14	15	16	17	18	19	19	20	21	22	23	24	25	26	27	28	29	30			
12	13	14	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29			
13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
11	12	13	14	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28			
13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			

STUDENT ATTENDANCE

Sl. No.	Name	Date of Attendance												
		1	2	3	4	5	6	7	8	9	10	11	12	13
30	Savita Jadhav	1	2	3	3	4	5	6	7	8	9	10	11	11
31	Savita Kumbhar	0	1	2	3	4	5	6	6	7	8	9	10	11
32	Savita Tuppad	1	2	3	3	4	5	6	7	7	8	9	10	11
33	Shankar Jadhav	1	2	3	3	4	5	6	7	8	9	10	11	12
34	Shanta Hatti	0	1	2	3	3	4	5	6	7	8	9	10	10
35	Sharanayya Guddadagi	1	2	3	4	5	6	7	8	9	9	10	11	12
36	Sheela Biradar	1	2	2	3	4	5	6	7	8	9	9	10	11
37	Shilpa Dasharath	1	2	3	4	4	5	6	7	8	9	10	11	12
38	Shilpa Mulik	1	2	3	4	4	5	5	6	7	8	9	10	11
39	Shilpa Umbarji	1	1	2	3	4	5	5	6	7	8	9	10	11
40	Shilpa Biradar	1	2	3	4	5	6	7	8	8	9	10	11	12
41	Shivukumar Mathapati	1	2	3	4	5	6	7	8	9	10	11	12	13
42	Shivasharan Koshti	1	2	3	4	4	5	6	7	7	8	9	10	11
43	Shobha Kumatagi	1	2	3	3	4	5	6	7	8	9	10	11	12
44	Shreedevi Halli	1	1	2	3	4	5	6	7	8	9	10	11	12
45	Shreeshail Choudhari	0	1	2	3	3	4	5	6	7	8	9	9	10
46	Shreeshaila Sanka	1	2	3	4	4	5	5	6	7	7	8	8	9
47	Shridevi Khedagi	1	2	3	3	4	5	6	7	8	9	10	11	12
48	Shruti Malipatil	1	2	3	3	4	5	6	7	7	8	9	10	11
49	Shruti Nandikolmath	1	2	3	4	5	5	6	7	8	8	9	10	11
50	Shruti Tawarakhed	1	2	3	3	4	5	6	7	7	8	9	10	11
51	Shweta Kanameshwar	1	2	2	3	4	5	6	7	8	9	10	11	12
52	Shweta Nagoli	0	1	2	3	4	5	6	6	7	8	9	10	11
53	Shweta Vanakudure	1	2	3	4	4	5	6	7	8	9	10	11	12
54	Sidram Pradhani	1	1	2	3	4	5	6	7	8	9	10	11	12
55	Somesh Yadav	1	2	3	3	4	5	6	7	8	8	9	10	11
56	Soujanya Bellad	1	2	3	4	5	6	7	8	9	10	11	12	13
57	Soumya Bisajadar	1	2	2	3	4	5	6	7	8	9	10	10	11
58	Soumya Yalagond	0	1	2	2	3	4	5	6	7	8	9	10	11

REGISTER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	No, of days late	No, of days Present	Date of Admis. the class. promote
12	12	13	14	15	16	17	18	19	20	20	21	21	22	23	24	25	26	27	28			
12	13	14	15	15	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29			
12	13	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
12	13	14	15	16	17	18	18	19	20	21	22	23	24	25	26	27	28	29	30			
12	13	14	15	16	17	18	18	19	19	20	21	22	23	24	25	26	27	28	29			
12	13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			
12	13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
13	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
13	14	15	15	16	17	18	19	19	20	21	22	23	24	25	26	27	28	29	30	31		
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	29			
10	11	12	13	14	15	16	17	18	19	19	20	21	22	23	24	25	25	26	27			
13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
12	13	14	15	16	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
12	13	14	15	16	17	18	19	20	21	22	23	24	24	25	26	27	28	29	29			
12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30			
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30	31			
13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
12	13	14	14	15	16	17	18	19	19	20	21	22	23	24	25	26	27	28	29			
13	14	15	15	16	17	18	19	20	21	22	23	24	25	28	29	30	31	31	32			
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			
12	13	14	15	16	17	18	19	20	21	22	22	23	24	25	26	27	28	29	30	31		
12	13	14	15	16	17	18	19	20	21	22	22	23	24	25	26	27	28	29	30			

STUDENT ATTENDANCE

Sl. No.	Name	Date of Admiss. to the class or promotion												
		1	2	3	4	5	6	7	8	9	10	11	12	13
59	Sowmyashree Sanamani	1	2	2	3	4	4	5	6	7	8	9	10	11
60	Subhas Biradar	1	2	3	4	5	6	7	8	9	10	11	12	13
61	Sudha Payarni	1	1	2	3	4	5	6	7	7	8	9	10	11
62	Sudharani Shivagond	1	2	3	4	5	6	7	8	9	10	11	12	13
63	Suma Balul	0	1	2	3	4	5	6	7	8	9	10	11	12
64	Suman Korti	1	2	3	4	5	5	6	7	8	9	10	11	12
65	Sunny Khyadi	1	1	2	3	4	5	6	7	8	9	10	11	11
66	Supriya Pattar	1	2	3	4	5	6	7	7	8	9	10	11	12
67	Supriya Rathod	1	2	3	3	4	5	6	7	8	9	9	10	11
68	Spriya S	1	2	2	3	4	5	6	7	8	9	10	11	12
69	Surekha Kattimani	1	1	2	3	4	5	6	7	8	9	9	10	11
70	Sushma Naik	0	1	2	3	4	4	5	6	7	8	9	10	10
71	Sushma Tonashyal	1	2	3	3	4	5	6	7	8	9	10	11	12
72	Sushmita Kagawad	1	2	3	3	4	5	6	7	8	9	9	10	11
73	Suvarna Gidaganti	1	2	3	4	4	5	6	7	8	9	10	11	12
74	Suvidha Dambalkar	1	1	2	3	4	5	5	6	7	8	9	10	11
75	Swati Jangamashetti	1	2	3	4	5	5	6	7	8	8	9	10	11
76	Shweta Kamana keri	1	2	3	3	4	5	6	6	7	8	9	10	11
77	Kashinath Tilagul	1	1	2	3	4	5	6	7	8	9	10	11	11
78	Umavati Pujari	1	2	3	4	5	5	6	7	8	9	10	10	11
79	Varishree Kiranagi	1	2	3	3	4	5	6	7	7	8	9	10	11
80	Vasudev Badiger	1	2	3	4	5	6	7	8	9	9	10	11	12
81	Vidya Sindagi	1	2	3	3	4	5	6	7	8	9	10	11	11
82	Vidyanand Desai	1	2	3	4	5	6	6	7	8	9	10	11	12
83	Vidyashree Karajagi	1	2	3	4	5	5	6	7	8	8	9	10	11
84	Vijayalaxmi Hatyal	1	1	2	3	4	4	5	6	7	8	9	10	11
85	Vitthal Mali	1	2	3	4	5	5	6	7	8	9	10	11	12
86	Yasmeena Pathan	1	1	2	3	4	5	6	7	7	8	9	10	11
87	Soumya Muttagi	1	2	3	4	5	6	6	7	7	8	9	10	11

REGISTER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	No, of days Present	Date Adm. the class promo.
12	13	14	15	15	16	17	18	19	20	21	22	23	23	24	25	26	27	28	29		
14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30	30	31		
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	30	31	32		
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
13	14	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29	30	31		
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
13	14	15	16	17	18	19	20	21	22	23	24	25	26	28	27	28	29	30	31		
12	13	14	15	16	17	18	19	20	21	22	23	24	24	25	26	27	28	29	30		
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
12	13	14	15	16	17	18	19	20	21	22	23	24	24	25	26	27	28	29	30		
12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30		
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
12	13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29			
12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		
13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30	31		
12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30		
13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	26	27	28	29	30		
12	13	14	15	15	16	17	18	19	20	21	21	22	23	24	25	26	27	28	29		
12	13	14	15	16	17	18	19	19	20	21	22	23	24	25	26	27	28	29	30		
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	30		
12	13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		

BLDEA's S.B Arts and K.C.P Science College Vijayapur

~~CLASSIFIED DOCUMENT~~

B.Sc Final semester

Paper: Quantitative Aptitude and Reasoning

Time: 1½ hour

Max. Marks: 50

Mark (✓) against the correct answer in each of the following: [Any 25]

25 x 2 = 50

- A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:
a) 145° b) 150° c) 155° d) 160°
- How many times do the hands of a clock coincide in a day?
a) 20 b) 21 c) 22 d) 24
- January 1, 2007 was Monday. What day of the week lies on Jan 1, 2008?
a) Monday b) Tuesday c) Wednesday d) Sunday
- On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec. 2006?
a) Sunday b) Thursday c) Tuesday d) Friday
- A can finish a work in 18 days and B can do the same work in half the time taken by A. then, working together, what part of the same work they can finish in a day?
a) $\frac{1}{6}$ b) $\frac{1}{9}$ c) $\frac{2}{5}$ d) $\frac{2}{7}$
- A takes twice as much time as B or thrice as much time to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:
a) 4 days b) 6 days c) 8 days d) 12 days
- A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together can finish it in 6 days. A and C together will do it in :
a) 4 days b) 6 days c) 8 days d) 12 days
- A is twice as good workman as B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work is :
a) 11 b) 21 c) 28 d) 42
- Sakshi can do a piece of work in 20 days. Tanya is 25% more efficient than Sakshi. The number of days taken by Tanya to do the same piece of work is :
a) 15 b) 16 c) 18 d) 25
- The simple interest on Rs. 1820 from March 9, 2003 to May 21, 2003 at $7\frac{1}{2}\%$ rate will be :
a) Rs. 22.50 b) Rs. 27.30 c) Rs. 28.80 d) Rs. 29
- How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest ?
a) 3.5 yrs b) 4 yrs c) 4.5 yrs d) 5 yrs
- A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 yrs at the rate of simple interest. What is the rate of interest ?
a) 3% b) 4% c) 5% d) 6%
- A certain amount earns simple interest of Rs. 1750 after 7 yrs. Had the interest been 2% more, how much more interest would it have earned ?
a) Rs. 35 b) Rs. 245 c) Rs. 350 d) cannot be determined
- What will be the ratio of simple interest earned by certain amount at the same rate of interest for 6 yrs and that for 9 yrs
a) 1:3 b) 1:4 c) 2:3 d) none of these
- If in a certain code, LUTE is written as MUTE and FATE is written as GATE, then how will BLUE be written in the code :
a) CLUE b) GLUE c) FLUE d) SLUE
- If in a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that language ?
a) CPNCBX b) CPNCBZ c) CPOCBZ d) CQOCBZ
- If in a certain code, BAT = 23 and CAT = 24, then how will you code BALL?
a) 27 b) 28 c) 32 d) 120

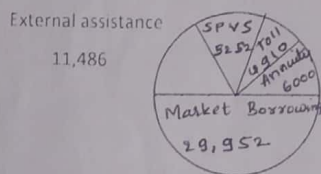
18. If $AT = 20$, $BAT = 40$, then CAT will be equal to
 a) 30 b) 50 c) 60 d) 70

Study the following information carefully and answer the given questions,

P, Q, R, S, T, V, W and Y are sitting around a circular table facing the centre.

- a) P sitting second to left of T.
 b) Only two people sit between T and W.
 c) Q sits third to the left of W.
 d) V and Y are immediate neighbours of each other.
 e) only one person sits between Y and R.
19. What is the position of R with respect to P?
 a) Third to the left b) Immediately to the right c) Second to the left d) Third to the right
20. If all the person are made to sit in alphabetical order in clockwise direction, starting from P, the positions of how many (excluding P) will remain unchanged as compared to their original seating position?
 a) One b) Two c) Three d) Four
21. Who sits between Y and R?
 a) W b) Q c) T d) P
22. How many person sit between S and V when counted in clockwise direction from S?
 a) One b) Two c) Three d) Four

The following Pie - Chart show the sources of funds to be collected by the National highways authority of India for its phase II projects. Study the Pie - Chart and answer the question that follow.



total funds to be arranged for Projects (Phase II) = RS. 57,600 crs.

23. Near about 20% of the funds are to be arranged through :
 a) SPVS b) External assistance c) Annuity d) Market Borrowing
24. The central angle corresponding to market Borrowing is :
 a) 52° b) 137.8% c) 187.2° d) 192.4°
25. The approximate ratio of the funds to be arranged through Toll and that through Market Borrowing is :
 a) 2:9 b) 1:6 c) 3:11 d) 2:5
26. If NHAI could receive a total of Rs. 9695 crs as External Assistance, by what percent should it increase the Market Borrowings to arrange for the shortage of funds?
 a) 4.5% b) 7.5% c) 6% d) 8%
27. If the Toll is to be collected through an outsourced agency by allowing a maximum 10% commission, how much amount should be permitted to be collected by the outsourced agency so that the project is supported with Rs. 4910 crs?
 a) Rs. 6213 crs b) Rs. 5827 crs c) Rs. 5401 crs d) Rs. 5216 crs
28. 1, 6, 15, ?, 45, 66, 91
 a) 25 b) 26 c) 27 d) 28
29. 2, 5, 9, 19, 37, ?
 a) 73 b) 75 c) 76 d) 78
- 30) AZY, BUT, CXW, DWV, ?
 a) EVA b) EVU c) VEU d) VUE

*** ALL THE BEST ***

TOTAL MARKS = 50

SL NO	NAME OF THE STUDENT	MARKS
1	PRIYANKA . RAJAPUT	50
2	PUSHPA . HARAWAL	45
3	RADHA . KULKARNI	50
4	RAJASHREE . DESUNAGI	50
5	RAKSHITA . PATTANASHETTI	49
6	RAMESH . JADHAV	48
7	RAMESHGOUDA . PATIL	50
8	RANEE . MATHAPATI	47
9	RASHMI . HATTALLI	50
10	REKHA . RATHOD	50
11	RENUKA . HOSAMANI	48
12	ROOPA . KATAGERI	49
13	RUKASHANA . MULLA	50
14	SACHINKUMAR . METRI	50
15	SAHANA . BARAGALI	49
16	SANGEETA . KALLUR	49
17	SANGEETA . MARGURE	47
18	SAPNA . SHEELIN	45
19	SAVITA . JADHAV	48
20	SHEELA . BIRADAR	46
21	SHWETA . KANAMESHWAR	48
22	SHWETA . NAGOLI	49
23	SHWETA . VANAKUDURE	50
24	SIDRAM . PRADHANI	49
25	SOUJANYA . BELLAD	49
26	SOUMYA . BIRAJADAR	50
27	SOUMYA . MUTTAGI	49
28	SOUMYA . YALAGOND	50
29	SOWMYASHREE . SANAMANI	48
30	SUBHAS . BIRADAR	49
31	SUDHA . PAYANNI	50
32	SUDHARANI . SHIVAGOND	50
33	SUMA . BALUL	48
34	SUMAN . KORTI	49
35	SUNNY . KHYADI	47
36	SUREKHA . KATTIMANI	46
37	SUSHMA . NAIK	49
38	SUSHMA . TONASHYAL	50
39	VIJAYALAXMI . HALYAL	50
40	VITTHALA . MALI	48

50

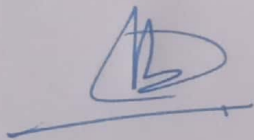
YASMEENA . PATHAN

41

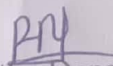
B.L.D.E.ASSOCIATION'S
S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF MATHEMATICS

REPORT

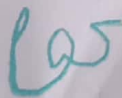
The Department of Mathematics conducted Department Best Practice on Attempting Competitive exam which training program was very helpful to students and all the students got to know about how to attempt Mathematics problems in competitive exam.



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



Head of the Department
H. G. D.
Department of Mathematics,
S. B. Arts & K. C. P. Science
College, BIJAPUR.



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

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



DEPARTMENT OF MATHEMATICS

Department Best Practice 2017-18

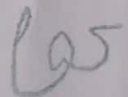
Even Semester

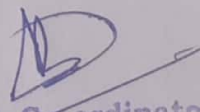
**"Training on attempting competitive exams"
(for B.Sc final year Students)**

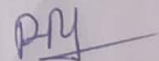
BLDE ASSOCIATION'S
S.B.ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR
Department of Mathematics

NOTICE

It is informed to the all B. Sc students that the Department of Mathematics is conducting Department Best Practice on attempting competitive exam from January 2018 to April 2018. So, interested students have to take their admission before 11 January 2018. The classes will be conducted every Sunday from 9 am to 12 pm in the Room No 25.


Principal,
S.B.Arts & K.C.P. Science College
BIJAPUR.


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


Head of the Department

H. O. D.
Department of Mathematics,
S. B. Arts & K. C. P. Science
College, BIJAPUR.

We are introducing the new course for B.Sc final year students involving training on the topic mentioned in syllabus.

COURSE AND CONTENTS

1. Objectives:

The main objectives is to make students trained in attempting competitive exams like Banking, PDO, SDA, FDA and Police etc

2. Scope:

The students who have interested in this course will get benefit for this course, which will help them in dealing competitive exams.

3. Syllabus:

Unit-1: Clock , Calendar, Time and Work

Unit-2: Simple interest

Unit-3: Coding, Decoding and number series

Unit-4: Sitting arrangement

Unit-5: Simplifications

Unit-6: Data Interpretation

TOTAL DURATION OF THE COURSE- 30 HOURS

TIME SCHEDULE

Sl.No	Topics	Hours
1	Unit-1: Clock , Calendar, Time and Work	5
2	Unit-2: Simple interest	5
3	Unit-3: Coding, Decoding and number series	5
4	Unit-4: Sitting arrangement	5
5	Unit-5: Simplifications	5
6	Unit-6: Data Interpretation	5

Evaluation:

We will conduct test for the students after completion of this course and we will choose highest scorers and also we will give certificate for this course to every student

TIME-TABLE 2017-18

Date	Duration	Name of the Faculty
21/1/18	9am to 12pm	S.V. Thombare
28/1/18	9am to 12pm	S.V. Thombare
04/2/18	9am to 12pm	Pallavi Nimbalkar
11/2/18	9am to 12pm	Pallavi Nimbalkar
18/2/18	9am to 12pm	N. Ramesh
25/2/18	9am to 12pm	N. Ramesh
04/3/18	9am to 12pm	N. Ramesh
11/3/18	9am to 12pm	Jinammatti Ainaru
18/3/18	9am to 12pm	Jinammatti Ainaru
25/3/18	9am to 12pm	Pratima Ghanti
1/4/18	9am to 12pm	Supriya Pattanshetti
07/04/18	9am to 12pm	Supriya Pattanshetti

STUDENT ATTENDANCE

Name	1	2	3	4	5	6	7	8	9	10	11	12	13
1. Akshata Masab	1	2	3	4	5	5	6	7	8	9	10	11	12
2. Akshata Sajjan	1	2	3	3	4	5	6	7	7	7	8	9	10
3. Akshata Koli	1	2	3	4	5	6	7	8	9	10	11	12	13
4. Akshata Jangamashetti	1	2	3	4	4	5	6	7	7	8	9	10	11
5. Akshaya Patil	1	2	3	4	5	6	7	8	9	10	11	12	13
6. Akshyakumar Biradar	1	2	2	3	3	4	5	6	6	6	7	8	9
7. Amruta Kashetti	1	2	3	4	5	6	7	8	9	10	11	12	13
8. Anil Chalawad	1	2	3	4	4	5	6	7	7	7	8	9	10
9. Anil Chimmalagi	1	2	3	4	5	6	7	7	8	9	10	11	12
10. Anil Gani	1	2	2	2	3	4	5	6	7	8	9	10	11
11. Anjum Pathan	1	2	3	4	5	6	7	8	9	10	11	12	13
12. Ankush Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13
13. Annapurna Chincholi	1	2	3	3	3	4	5	6	7	8	9	10	11
14. Apoorva Deshpande	1	2	3	4	5	6	7	8	9	10	11	12	13
15. Archana Mashyal	1	2	3	4	5	5	6	7	8	9	10	11	12
16. Arunkumar Hisemath	1	2	3	4	5	6	7	8	9	10	11	12	13
17. Ashwini Rathod	1	2	2	3	3	4	5	5	6	7	8	9	10
18. Ashwini Rudragoudar	1	2	3	4	5	6	7	8	9	10	11	11	11
19. Ashwini Shrigiri	1	2	3	4	5	6	7	8	9	10	11	12	13
20. Babugoud Mulimani	1	2	3	4	5	6	7	8	9	10	11	12	13
21. Banashankari Madabhavi	1	1	1	2	3	4	5	6	7	8	9	10	11
22. Basavaraj Hugar	1	2	3	4	4	5	6	7	7	7	8	9	10
23. Bhagyashree Narasi	1	2	3	4	5	6	7	8	9	10	11	12	13
24. Bheemashankar Gollagi	1	2	2	3	4	5	5	5	6	7	8	9	10
25. Bouramma Tolanur	1	2	3	4	4	5	6	7	7	7	8	9	10
26. Chandravva Maranur	1	2	3	4	5	6	7	8	9	10	11	12	13
27. Dajiba Chavan	1	2	2	3	4	5	5	6	7	8	9	10	11
28. Deepa Patil	1	2	3	4	5	6	7	8	9	10	11	12	13
29. Dharmraj Halli	1	2	3	4	5	6	7	8	9	10	11	12	13

REGISTER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32 No, of days late	33 No, of days Present	Date of Admission the class of promotion
13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
11	12	13	14	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	28	29	30	31	32	
12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14	15	16	17	18	19	20	21	22	23	24	25	26	26	27	28	29	30	31	32	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	25	26	27	28	29	
13	13	14	15	16	17	18	19	20	21	22	22	22	23	24	25	26	27	28	29	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
13	14	15	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
11	12	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	

STUDENT ATTENDANCE

Name	1	2	3	4	5	6	7	8	9	10	11	12	13
30. Gireesh Mudhol	1	2	3	4	5	6	7	8	9	10	11	12	13
31. Girish Jadhav	1	2	3	4	5	5	5	6	7	8	9	10	11
32. Gurusaj Muddebihal	1	2	3	4	5	6	7	7	8	9	10	11	12
33. Heena Kasai	1	2	3	4	5	6	7	8	9	10	11	12	13
34. Hemavati Bisadar	1	2	3	4	5	6	7	8	9	10	11	12	13
35. Hrishikesh Dixit	1	2	3	4	5	6	7	8	9	10	11	12	13
36. Inchara Chunchur	1	2	3	4	5	6	7	8	9	10	11	12	13
37. Irranna Koshti	1	1	2	3	3	3	4	5	6	7	8	9	10
38. Jayashree Hirekurubar	1	2	3	4	5	6	7	8	9	10	11	12	13
39. Jyoti Alakunte	1	2	2	3	4	5	6	7	8	9	10	11	12
40. Jyoti Mareguddi	1	2	3	4	5	6	7	8	8	8	9	10	11
41. Jyoti Maganageri	1	2	3	3	3	3	4	5	6	7	8	9	10
42. Srinivas K.	1	2	3	4	5	6	7	8	9	10	11	12	13
43. Kalmeshagouda Patil	1	2	3	4	5	6	7	8	9	10	11	12	13
44. Kavita Uppaladinni	1	2	3	4	5	6	7	8	9	10	11	12	13
45. Kanya Patil	1	2	3	4	5	6	7	8	9	10	10	11	12
46. Kanya Balusagi	1	2	3	4	5	5	6	7	8	9	10	11	12
47. Keerti Agrani	1	2	3	4	5	6	7	8	9	10	11	12	13
48. Keerti Satihal	1	2	3	3	3	4	5	6	7	8	9	10	11
49. Khandappa Kumbhari	1	2	3	4	5	6	7	8	9	10	11	12	13
50. Kheeraling Sakkargi	1	2	3	4	5	6	7	8	9	10	11	12	13
51. Kiran Kannolli	1	2	3	4	5	6	7	8	9	10	11	12	13
52. Kumar Rathod	1	2	3	3	4	5	6	7	8	9	10	11	12
53. Kushmandini Wagnode	1	2	2	3	3	3	4	5	6	7	8	9	10
54. Laxmi Shrikanahalli	1	2	3	4	5	6	7	8	9	10	11	12	13
55. Laxmi Maranwar	1	2	3	4	5	6	7	8	9	10	11	12	13
56. Laxmi Hosamani	1	2	2	3	3	4	5	6	7	8	9	10	11
57. Mahadevi Babalad	1	2	3	4	5	6	7	8	9	10	11	12	13
58. Mahadevi Tanwar	1	2	3	4	5	6	7	8	9	10	11	12	13

REGISTER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32 No, of days late	33 No, of days Present	Date Admission the class promote
M	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	31	32	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
11	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	29	30	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
11	12	13	14	15	16	17	18	19	20	20	21	22	23	24	25	26	27	28	29	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
13	14	15	16	17	18	19	20	21	22	22	22	22	22	23	24	25	26	27	28	29
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	26	27	28	29	30	
14	15	15	16	16	17	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	26	27	28	29	30	31	32	

REGISTER

	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	No, of days late	No, of days Present	Date of Admissi the class of promotion
																			31	32	
11	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		30	31	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31	
13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31	
13	14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	32	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		29	30	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		29	30	
11	12	13	14	15	16	17	18	19	20	20	20	21	22	23	24	25	26		27	28	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
14	15	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		31	32	
13	14	15	16	17	18	19	20	21	22	22	22	22	23	24	25	26	27		28	29	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30	31	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		32	33	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	26	27	28		29	30	
14	15	15	16	16	17	17	18	19	20	21	22	23	24	25	26	27	28		29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	26	27	28	29	30		31	32	

STUDENT ATTENDANCE

33
No. of
days
present
Date of
Admission
the class &
promotion

Name	1	2	3	4	5	6	7	8	9	10	11	12	13
59. Mahananda Allimore	1	2	3	4	5	6	7	8	8	9	10	10	11
60. Mahesh Biradar	10	12	3	4	5	5	6	7	7	8	9	10	11
61. Mallikarjun Hiremath	1	2	3	4	4	5	6	7	8	9	10	11	12
62. Mallu Yadrami	1	2	3	4	5	6	7	8	9	10	11	12	13
63. Manjula Godihal	1	2	3	4	5	6	7	8	9	10	11	12	13
64. Manjula Hatalli	1	2	3	4	5	6	7	8	9	10	11	11	12
65. Manjunath Vanaki	1	2	3	4	5	5	5	6	7	8	9	10	11
66. Kailas Mathapati	1	2	3	4	5	6	7	8	9	10	11	12	13
67. Moulasab Daded	1	2	2	3	4	5	5	5	6	7	8	9	10
68. Nagarva Biradar	1	2	3	4	5	6	7	8	9	10	11	12	13
69. Nagini Malaghan	1	2	3	4	5	6	7	8	9	10	11	12	13
70. Neelamkumari Singh	1	2	3	4	5	6	7	8	9	10	11	12	13
71. Nikita Patil	1	1	1	2	2	3	4	5	6	7	8	9	10
72. Nikita Biradar	1	2	3	4	5	6	6	6	6	7	8	9	10
73. Nisha Rathod	1	2	3	4	5	6	7	8	9	10	11	12	13
74. Parameshkumar M.	1	2	3	4	5	6	7	8	9	10	11	12	13
75. Parankumar Matlagavi	1	2	3	4	5	6	7	8	9	10	11	12	13
76. Pooja Hiremath	1	2	3	4	5	6	7	7	8	9	10	11	12
77. Pooja Elagi	1	2	3	4	5	6	6	6	7	7	7	8	9
78. Pooja Kori	1	2	3	4	5	6	7	8	9	10	11	12	13
79. Pooja Devakate	1	2	3	3	4	4	5	6	7	8	9	10	11
80. Pooja Rathod	1	2	3	4	5	6	7	8	9	10	11	12	13
81. Prabhudeva Hiremath	1	2	3	4	5	6	7	8	9	10	11	12	13
82. Pratibha Hotagond	1	2	3	4	5	6	7	8	9	10	11	12	12
83. Pratibha Patil	1	2	3	3	3	4	5	6	7	8	9	10	11
84. Praveen Biradar	1	2	3	4	5	6	7	8	9	10	11	12	13
85. Preeti Baradol	1	2	3	4	5	6	7	8	9	10	11	12	13
86. Preeti Chalawadi	1	2	3	4	5	6	7	8	9	10	11	12	13
87. Priyank Mendagudli	1	2	2	2	2	3	4	5	6	7	8	9	10

REGISTER

14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32 No, of days late	33 No, of days Present	Date of Admissi the class promoti
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
12	13	14	15	16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
14	14	15	16	16	17	17	18	18	18	19	20	21	22	23	24	25	26	27	28	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
14	15	16	17	18	19	20	21	21	21	22	23	24	25	26	27	28	29	30	31	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	28	29	30	
14	15	16	17	18	19	20	21	22	23	24	25	25	26	27	28	29	30	31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	

BLDEA's S.B Arts and K.C.P Science College Vijayapur

B.Sc Final semester

Paper: Quantitative Aptitude and Reasoning

Time: 1½ hour

Max. Marks: 50

Mark (✓) against the correct answer in each of the following: [Any 25]

- A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:
a) 145° b) 150° c) 155° d) 160°
- How many times do the hands of a clock coincide in a day?
a) 20 b) 21 c) 22 d) 24
- January 1, 2007 was Monday. What day of the week lies on Jan 1, 2008?
a) Monday b) Tuesday c) Wednesday d) Sunday
- On 8th Dec, 2007 Saturday falls. What day of the week was it on 8th Dec. 2006?
a) Sunday b) Thursday c) Tuesday d) Friday
- A can finish a work in 18 days and B can do the same work in half the time taken by A. then, working together, what part of the same work they can finish in a day?
a) $\frac{1}{6}$ b) $\frac{1}{9}$ c) $\frac{2}{5}$ d) $\frac{2}{7}$
- A takes twice as much time as B or thrice as much time to finish a piece of work. Working together, they can finish the work in 2 days. B can do the work alone in:
a) 4 days b) 6 days c) 8 days d) 12 days
- A and B can do a work in 8 days, B and C can do the same work in 12 days. A, B and C together can finish it in 6 days. A and C together will do it in :
a) 4 days b) 6 days c) 8 days d) 12 days
- A is twice as good workman as B and together they finish a piece of work in 14 days. The number of days taken by A alone to finish the work is :
a) 11 b) 21 c) 28 d) 42
- Sakshi can do a piece of work in 20 days. Tanya is 25% more efficient than Sakshi. The number of days taken by Tanya to do the same piece of work is :
a) 15 b) 16 c) 18 d) 25
- The simple interest on Rs. 1820 from March 9, 2003 to May 21, 2003 at $7\frac{1}{2}\%$ rate will be :
a) Rs. 22.50 b) Rs. 27.30 c) Rs. 28.80 d) Rs. 29
- How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest ?
a) 3.5 yrs b) 4 yrs c) 4.5 yrs d) 5 yrs
- A sum of Rs. 12,500 amounts to Rs. 15,500 in 4 yrs at the rate of simple interest. What is the rate of interest ?
a) 3% b) 4% c) 5% d) 6%
- A certain amount earns simple interest of Rs. 1750 after 7 yrs. Had the interest been 2% more, how much more interest would it have earned ?
a) Rs. 35 b) Rs. 245 c) Rs. 350 d) cannot be determined
- What will be the ratio of simple interest earned by certain amount at the same rate of interest for 6 yrs and that for 9 yrs
a) 1:3 b) 1:4 c) 2:3 d) none of these
- If in a certain code, LUTE is written as MUTE and FATE is written as GATE, then how will BLUE be written in the code :
a) CLUE b) GLUE c) FLUE d) SLUE
- If in a certain language, MADRAS is coded as NBESBT, how is BOMBAY coded in that language ?
a) CPNCBX b) CPNCBZ c) CPQCBZ d) CQOCBZ
- If in a certain code, BAT = 23 and CAT = 24, then how will you code BALL?
a) 27 b) 28 c) 32 d) 120

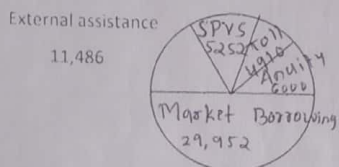
18. If $AT = 20$, $BAT = 40$, then CAT will be equal to
 a) 30 b) 50 c) 60 d) 70

Study the following information carefully and answer the given questions,

P, Q, R, S, T, V, W and Y are sitting around a circular table facing the centre.

- a) P sitting second to left of T.
 b) Only two people sit between T and W.
 c) Q sits third to the left of W.
 d) V and Y are immediate neighbours of each other.
 e) only one person sits between Y and R.
19. What is the position of R with respect to P?
 a) Third to the left b) Immediately to the right c) Second to the left d) Third to the right
20. If all the person are made to sit in alphabetical order in clockwise direction, starting from P, the positions of of how many (excluding P) will remain unchanged as compared to their original seating position?
 a) One b) Two c) Three d) Four
21. Who sits between Y and R?
 a) W b) Q c) T d) P
22. How many person sit between S and V when counted in clockwise direction from S?
 a) One b) Two c) Three d) Four

The following Pie - Chart show the sources of funds to be collected by the National highways authority of India for its phase II projects. Study the Pie - Chart and answer the question that follow.



total funds to be arranged for Projects (Phase II) = RS. 57,600 crs.

23. Near about 20% of the funds are to be arranged through :
 a) SPVS b) External assistance c) Annuity d) Market Borrowing.
24. The central angle corresponding to market Borrowing is :
 a) 52° b) 137.8° c) 187.2° d) 192.4°
25. The approximate ratio of the funds to be arranged through Toll and that through Marker Borrowing is :
 a) 2:9 b) 1:6 c) 3:11 d) 2:5
26. If NHAI could receive a total of Rs. 9695 crs as External Assistance, by what percent should it increase the Market Borrowings to arrange for the shortage of funds ?
 a) 4.5% b) 7.5% c) 6% d) 8%
27. If the Toll is to be collected through an outsourced agency by allowing a maximum 10% commission, how much amount should be permitted to be collected by the outsourced agency, so that the project is supported with Rs. 4910 crs ?
 a) Rs. 6213 crs b) Rs. 5827 crs c) Rs. 5401 crs d) Rs. 5216 crs
28. 1, 6, 15, ?, 45, 66, 91
 a) 25 b) 26 c) 27 d) 28
29. 2, 5, 9, 19, 37, ?
 a) 73 b) 75 c) 76 d) 78
- 30) AZY, BUT, CXW, DWV, ?
 a) EVA b) EVU c) VEU d) VUE

ALL THE BEST

TOTAL MARKS = 50

SL NO	NAME OF THE STUDENT	MARKS
1	AKSHATA . JANGAMASHETTI	49
2	AKSHATA . SAJJAN	50
3	AMRUTA . KASHETTI	50
4	ANIL . GANI	50
5	ANKUSH . YADAV	50
6	ASHWINI . RUDRAGOUDAR	49
7	ASHWINI . SHRIGIRI	49
8	BANASHANKARI . MADABHAVI	46
9	BHOURAMMA . TOLANUR	47
10	CHANDRAVVA . MARANUR	50
11	DAJIBA . CHAVAN	49
12	DEEPA . PATIL	47
13	DHARMARAJ . HALLI	47
14	GIREESH . MUDHOL	50
15	GURURAJ . MUDDEBIHAL	49
16	HEMAVATI . BIRADAR	49
17	HRISHIKESH . DIXIT	49
18	INCHARA . CHUNCHUR	46
19	JYOTI . ALAKUNTE	43
20	JYOTI . MAGANAGERI	48
21	KAVITA . UPPALADINNI	45
22	KEERTI . AGRANI	50
23	KHEERALING . SAKKARGI	50
24	KASHINATH . TILAGUL	50
25	KUSHMANDINI . WAGMODE	50
26	LAXMEE . SHIRAKANAHALLI	49
27	LAXMI . HOSAMANI	47
28	MAHADEVI . BABALAD	50
29	MAHADEVI . JANAWAD	49
28	MAHESH . BIRADAR	44
29	MALLU . YADRAML	48
30	KAILAS . MATHAPATI	49
31	NAGINI . MALAGAHN	50
31	NIKITA . PATIL	49
32	NISHA . RATHOD	46
33	POOJA . KORI	50
34	POOJA . RATHOD	50
35	PRABHUDEVA . HIREMATH	50
36	PRATIBHA . HOTAGOND	47
37	PRATHIBHA . PATIL	49
38	PRAVEEN . BIRADAR	49

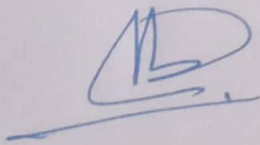
39 PREETI . BARADOL
40 PREETI . CHALAWADI
41 PRIYANK . MENDAGUDLI

44
45
50


B.L.D.E.ASSOCIATION'S
S.B.ARTS AND K.C.P. SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF MATHEMATICS

REPORT

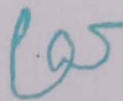
The Department of Mathematics conducted Department Best Practice on Attempting Competitive exam which training program was very helpful to students and all the students got to know about how to attempt Mathematics problems in competitive exam.



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


Head of the Department

H. O. D.
Department of Mathematics,
S. b. Arts & K. C. P. science
College, BIJAPUR.



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