

BLDE ASSOCIATION'S

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



DEPARTMENT OF MATHEMATICS

**Department Best Practice 2016-17**

**Odd Semester**

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

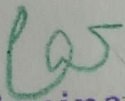
## BLDE ASSOCIATION'S

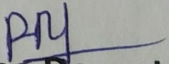
**S.B.ARTS AND K.C.P SCIENCE COLLEGE, VIJAYAPUR**

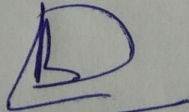
**Department of Mathematics**

### 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 2016 to October 2016. So, interested students have to take their admission before 11 July 2016. 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 2016-17

Date	Duration	Name of the Faculty
24/7/16	9am to 12pm	S.V. Thombare
31/7/16	9am to 12pm	S.V. Thombare
07/8/16	9am to 12pm	P.H. Nimbalkar
14/8/16	9am to 12pm	P.H. Nimbalkar
21/8/16	9am to 12pm	P.D. Chavan
28/8/16	9am to 12pm	P.D. Chavan
04/09/16	9am to 12pm	N. Ramesh
11/9/16	9am to 12pm	N. Ramesh
18/9/16	9am to 12pm	R.D. Patil
25/9/16	9am to 12pm	R.D. Patil
09/9/16	9am to 12pm	S.B. Pattanshetti
11/09/16	9am to 12pm	S.B. Pattanshetti

# STUDENT ATTENDANCE

No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	
17	Abdulisak. Saidapur	1	1	2	3	4	5	6	7	8	8	8	9	9	10
27	Adiveppa. Jotelshan	0	1	2	3	4	4	4	5	5	6	7	7	8	9
37	Aishwarya. Gotyal	1	1	2	3	3	4	4	5	5	6	6	7	7	8
47	Ajeeta. Jigajeni	1	1	2	3	4	5	6	7	8	9	10	11	12	13
57	Akshata. Shirashyad	1	1	2	3	4	5	6	7	8	9	10	11	12	13
67	Akshata. Bhavi	1	1	2	3	4	5	6	7	8	9	10	11	12	13
77	Akshata. Jogur.	6	1	2	3	4	4	5	6	7	8	9	10	11	12
87	Akshata. Jamanal	0	1	2	3	3	4	5	6	7	8	9	10	11	12
97	Akshata. Kullsarani	1	1	2	3	4	5	6	7	8	9	10	11	12	13
107	Akshata. Mahabaleshetti	1	1	2	3	4	5	6	7	8	9	10	11	12	13
117	Akshata. Masali.	1	1	2	2	3	4	5	6	7	8	9	10	11	12
127	Akshata. Totad.	1	2	2	3	4	5	6	7	8	9	10	11	12	13
137	Akshay. Maranur	1	1	2	3	4	5	6	7	8	9	10	11	12	13
147	Ambadas. Basle.	1	1	2	2	3	4	5	6	7	8	9	10	11	12
157	Amruta. Patil	1	2	3	4	5	6	7	8	9	10	11	12	13	14
167	Anand. Manur.	1	1	2	3	4	5	6	7	8	9	10	11	12	12
177	Anjali. Manchalkar	1	2	3	4	5	6	7	8	9	10	11	12	13	14
187	Archana. Pujari	1	1	2	3	4	5	6	7	8	9	10	11	12	12
197	Arjun. Rathod.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
207	Arpita. Sidesai.	1	1	2	3	4	5	6	7	8	9	10	11	12	13
217	Arun. Budnimath	1	2	3	4	5	6	7	8	9	10	11	12	13	14
227	Arun. Jorapur	1	2	3	4	5	6	7	8	9	10	11	12	13	14
237	Ashwini.	1	1	2	3	4	5	6	7	8	9	10	11	12	13
247	Ashwini. Bixadae	1	2	3	4	5	6	7	8	9	10	11	12	13	14
257	Ashwini. Choudhari	1	1	2	3	4	5	6	7	8	9	10	11	12	13
267	Ashwini. Goudar.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
277	Ashwini. Gunaki	1	1	2	3	4	5	6	7	8	9	10	11	12	13
287	Ashwini. Hiremath	1	2	3	4	5	6	7	8	9	10	11	12	13	14
297	Ashwini. Majagi	1	1	2	3	4	5	6	7	8	9	10	11	12	13



# STUDENT ATTENDANCE

Sl. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13	
30)	Ashwini. Metri	1	1	2	3	4	5	6	7	8	9	10	11	12	
31)	Ashwini. Tikoti	1	1	2	3	4	5	6	7	8	9	10	11	12	13
32)	Arinash. Ukumanal	1	1	2	3	4	5	6	7	8	9	10	11	12	13
33)	Banashankari. Karajanagi	1	1	2	3	4	5	6	7	8	9	10	11	12	13
34)	Basamma. Biradar	0	1	2	3	4	5	6	7	8	9	10	11	12	13
35)	Basamma. Muttappanavar	0	1	2	3	4	5	6	7	8	9	10	11	12	13
36)	Basavaraj. Bisadale	1	1	2	3	4	5	6	7	8	9	10	11	12	13
37)	Basavaraj. Bisadale	1	1	2	3	4	5	6	7	8	9	10	11	12	13
38)	Bhagashree. Bhoosanoor	1	1	2	3	4	5	6	7	8	9	10	11	12	13
39)	Bhagya. Patil	0	1	2	3	4	5	6	7	8	9	10	11	12	13
40)	Bhagyasree. Lachyan	1	1	2	3	4	5	6	7	8	9	10	11	12	13
41)	Bhagyasree. Pujari	1	1	2	3	4	5	6	7	8	9	10	11	12	13
42)	Bharati. Dabade	1	1	2	3	4	5	6	7	8	9	10	11	12	13
43)	Bharati. Kadaganchi	1	1	2	3	4	5	6	7	8	9	10	11	12	13
44)	Bharana. Kullarni	1	1	2	3	4	5	6	7	8	9	10	11	12	13
45)	Bhavaramma. Biradar	1	1	2	3	4	5	6	7	8	9	10	11	12	13
46)	Bhouramma. Shahapur	1	1	2	3	4	5	6	7	8	9	10	11	12	13
47)	Bhuvaneshwari. Babalad	1	1	2	3	4	5	6	7	8	9	10	11	12	13
48)	Bhuvaneshwari. Singri	1	1	2	3	4	5	6	7	8	9	10	11	12	13
49)	Chaitra. Pattar	1	1	2	3	4	5	6	7	8	9	10	11	12	13
50)	Chandabasha. Indi	1	1	2	3	4	5	6	7	8	9	10	11	12	13
51)	Danamma. Badiger	1	1	2	3	4	5	6	7	8	9	10	11	12	13
52)	Dattatreya. Sulankar	1	1	2	3	4	5	6	7	8	9	10	11	12	13
53)	Deepa. Biradar	1	1	2	3	4	5	6	7	8	9	10	11	12	13
54)	Deepa. Jevoor	1	1	2	3	4	5	6	7	8	9	10	11	12	13
55)	Divya. Dodamani	1	1	2	3	4	5	6	7	8	9	10	11	12	13
56)	Ganga. Kanamunchand	1	1	2	3	4	5	6	7	8	9	10	11	12	13
57)	Gangubai. Dashavant	1	1	2	3	4	5	6	7	8	9	10	11	12	13
58)	Geeta. Patil	1	1	2	3	4	5	6	7	8	9	10	11	12	13





# STUDENT ATTENDANCE

Sl. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13
59)	Geeta. Patil.	1	2	3	4	5	6	7	8	9	10	11	12	13
60)	Geeta. Tuppada	0	1	2	3	4	5	6	7	8	9	10	11	12
61)	Surekha. Gurav	0	1	2	3	4	5	6	7	8	9	10	11	12
62)	Gururaj. Tapashetti	1	0	2	3	4	5	6	7	8	9	10	11	12
63)	Hanamant. Biradar	1	2	3	4	5	6	7	8	9	10	11	12	13
64)	Hanamant. Yantman	1	2	3	4	5	6	7	8	9	10	11	12	13
65)	Jayashri. Puzari	1	2	3	4	5	6	7	8	9	10	11	12	13
66)	Jyoti. Metri.	1	2	3	4	5	6	7	8	9	10	11	12	13
67)	Kavita. Biradar.	1	2	3	4	5	6	7	8	9	10	11	12	13
68)	Kavita. Math.	1	2	3	4	5	6	7	8	9	10	11	12	13
69)	Kavita. Saradi.	1	2	3	4	5	6	7	8	9	10	11	12	13
70)	Keerti. Halli.	1	2	3	4	5	6	7	8	9	10	11	12	13
71)	Krishna	1	2	0	3	4	5	6	7	8	9	10	11	12
72)	Krutika. Jatti	1	2	3	4	5	6	7	8	9	10	11	12	13
73)	Lakshmeebayi. Ganiger	1	2	3	4	5	6	7	8	9	10	11	12	13
74)	Lakshmi. Patil.	1	2	3	4	0	5	6	7	8	9	10	11	12
75)	Laxmi. Jambagi.	1	2	3	4	5	6	7	8	9	10	11	12	13
76)	Laxmi. Marathe.	1	2	3	4	5	6	7	8	9	10	11	12	13
77)	Laxmi. Patil.	1	2	3	4	5	6	7	8	9	10	11	12	13
78)	Laxmi. Vaddar.	1	2	3	4	5	6	7	8	9	10	11	12	13
79)	Madhumati. Komar	1	2	3	4	5	6	7	8	9	10	11	12	13
80)	Manisha. Patil.	1	2	3	4	5	6	7	8	9	10	11	12	13
81)	Manjula. Baschetti.	1	2	3	4	5	6	7	8	9	10	11	12	13
82)	Manjula. Jangamashetti	1	2	3	4	5	6	7	8	9	10	11	12	13
83)	Majunath.	1	2	3	4	5	6	7	8	9	10	11	12	13
84)	Vireesh. Mathapati	1	2	3	4	5	6	7	8	9	10	11	12	13
85)	Mithun. Rathod.	1	2	3	4	5	6	7	8	9	10	11	12	13
86)	Nagamma. Mali	1	2	3	4	5	6	7	8	9	10	11	12	13
87)	Nahidabequm. Nadaf	1	2	3	4	5	6	7	8	9	10	11	12	13





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

25 x 2 = 50

1. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:
  - a)  $145^\circ$
  - b)  $150^\circ$
  - c)  $155^\circ$
  - d)  $160^\circ$
2. How many times do the hands of a clock coincide in a day?
  - a) 20
  - b) 21
  - c) 22
  - d) 24
3. January 1, 2007 was Monday. What day of the week lies on Jan 1, 2008?
  - a) Monday
  - b) Tuesday
  - c) Wednesday
  - d) Sunday
4. On 8<sup>th</sup> Dec, 2007 Saturday falls. What day of the week was it on 8<sup>th</sup> Dec. 2006?
  - a) Sunday
  - b) Thursday
  - c) Tuesday
  - d) Friday
5. 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)  $\frac{2}{7}$
6. 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
7. 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
8. 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
9. 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
10. 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
11. 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
12. 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%
13. 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
14. 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
15. 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
16. 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
17. 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

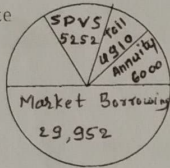
Study the following information carefully and answer the given questions.

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.

External assistance  
11,486



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)  $52^\circ$     b)  $137.8^\circ$     c)  $187.2^\circ$     d)  $192.4^\circ$
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

**TOTAL MARKS = 50**

<b>SL NO</b>	<b>NAME OF THE STUDENT</b>	<b>MARKS</b>
1	ABDULISAK . SAIDAPUR	49
2	ADIVEPPA . JOTEKHAN	49
3	AISHWARYA . GOTYAL	46
4	AJEETA . JIGAJENI	43
5	AKSHATA . JUMANAL	48
6	AKSHATA . KULKARANI	45
7	AKSHATA . MAHABALASHETTI	50
8	AKSHATA . MASALI	50
9	ANJALI . MANCHALKAR	50
10	ARCHANA . PUJARI	50
11	ARJUN . RATHOD	49
12	ARPITA . SIRDESAI	47
13	ARUN . JORAPUR	50
14	ASHWINI . .	49
15	ASHWINI . BIRADAR	44
16	ASHWINI . CHOUDHARI	48
17	ASHWINI . GOUDAR	49
18	ASHWINI . GUNAKI	50
19	ASHWINI . HIREMATH	49
20	ASHWINI . MAJJAGI	46
21	ASHWINI . METRI	50
22	ASHWINI . TIKOTI	50
23	AVINASH . UKUMANAL	50
24	BANASHANKARI . KARAJANAGI	47
25	BASAMMA . BIRADAR	49
26	BASAMMA . MUTTAPPANAVAR	49
27	BASAVARAJ . BIRADAR	44
28	BHAGYASHREE . LACHYAN	45
29	BHAGYASHREE . PUJARI	50
30	BHAGYASHRI . PUJARI	49
31	BHARATI . DABADE	50
32	BHARATI . KADAGANCHI	50
33	BHAVANA . KULKARNI	50
34	BHAVARAMMA . BIRADAR	50
35	BHOURAMMA . SHAHAPUR	49
36	BHUWANESHWARI . SINGRI	49
37	DATTATREYA . SULANKAR	46
38	DEEPA . BIRADAR	47
39	DEEPA . JEVOOR	50
40	GANGA . KANAMUCHANAL	49
41	GEETA . TUPPAD	47
42	GURURAJ . TAPASHETTI	47
43	HANAMANT . BIRADAR	50
44	HANAMANT . YANTMAN	49
45	JAYASHRI . PUJARI	50
46	KAVITA . SAVADI	50
47	KRUTIKA . JATTI	49
48	LAKSHMEEBAYI . GANIGER	50

49	LAXMI . PATIL	50
50	LAXMI . VADDAR	48
51	MADHUMATI . KOMAR	46
52	MANJULA . BASHETTI	48
53	NAGAMMA . MALI	48
54	NAHIDABEGUM . NADAF	50
55	NEELAMMA . .	50
56	PARVATI . BALOONDAGI	50
57	POOJA . GOLLAGI	49
58	POOJA . POOJARI	47
59	SUMITRA . AGASAR	47
60	SUNIL . BAJANTRI	49
61	SUSHMA . INGALE	48



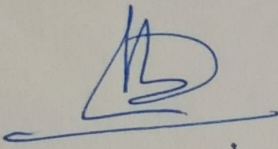
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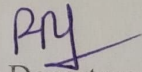
**DEPARTMENT OF MATHEMATICS**

**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.

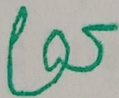


**IQAC, Co-ordinator**  
S.B.Arts & K.C.P.Science College,  
Vijayapur.



Head of the Department

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



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 2016-17**

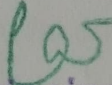
**Even Semester**

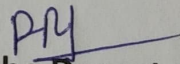
**"Training on attempting competitive exams"  
( for B.Sc final year Students)**

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

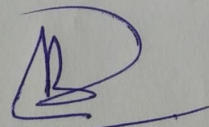
**NOTICE**

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 2017 to April 2017. So, interested students have to take their admission before 11 January 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 2016-17

Date	Duration	Name of the Faculty
22/1/17	9am to 12pm	S. V. Thombarse
29/1/17	9am to 12pm	S. V. Thombarse
05/1/17	9am to 12pm	P. H. Nimbalkar
12/2/17	9am to 12pm	P. H. Nimbalkar
19/2/17	9am to 12pm	N. Ramesh
26/2/17	9am to 12pm	N. Ramesh
05/3/17	9am to 12pm	N. Ramesh
12/3/17	9am to 12pm	N. Ramesh
19/3/17	9am to 12pm	P. H. Nimbalkar
26/3/17	9am to 12pm	R. D. Patil
2/4/17	9am to 12pm	R. D. Patil
9/4/17	9am to 12pm	S. B. Pattanshetti

# STUDENT ATTENDANCE

Sl. No.	Name	1	2	3	4	5	6	7	8	9	10	11	12	13
1)	Pradnyarani. Chigadoli	0	1	2	3	4	5	6	7	8	9	10	11	12
2)	Prasadkumar. Karne	0	1	2	3	4	4	5	6	7	7	8	8	9
3)	Prashant. Madagond	0	1	2	2	3	4	5	6	6	7	8	9	10
4)	Prashant. Mujagond	1	2	3	4	5	5	6	7	8	9	10	11	12
5)	Prashantha. Kasabaga	1	2	3	4	5	6	7	7	8	9	10	11	12
6)	Praveena. Goragundagi	1	2	3	4	5	6	6	7	8	9	10	11	12
7)	Priyadarshini. Patil	0	1	2	3	4	5	6	7	7	8	9	10	11
8)	Priyanka. Nikkam	0	2	2	3	4	5	6	7	7	7	8	9	10
9)	Bhagyashri. Pujari	1	1	2	3	3	4	5	6	7	8	9	10	11
10)	Pungaleek. Kanteekar	1	2	3	4	5	6	7	8	9	10	11	12	13
11)	Raghunath. Patil	0	1	1	2	3	4	5	6	7	8	9	10	11
12)	Rahul. Joshi	0	0	1	2	3	4	5	6	7	8	9	10	11
13)	Rahul. Pawar	1	2	3	4	5	6	7	8	9	10	11	12	13
14)	Rajashekhhar. Pujeri	1	1	2	3	4	5	6	7	8	9	10	11	11
15)	Rajashree. Madabhavi	1	2	2	3	4	5	6	7	8	9	10	11	12
16)	Ranjeeta. Pattar	1	2	3	4	5	6	7	8	8	9	10	11	12
17)	Ranjita. Awati	0	1	2	2	3	4	5	6	7	8	9	10	11
18)	Rashmi. Patil	1	2	3	4	5	6	7	8	9	10	11	12	13
19)	Relsha. Itagi	1	2	3	4	4	5	6	7	7	8	9	10	11
20)	Renuka. Katti	1	2	3	4	5	6	7	8	9	10	11	12	13
21)	Renuka. Ragappagol	1	2	3	4	4	5	6	7	7	8	9	10	11
22)	Revanasidda. Ankalagi	1	1	2	3	4	5	6	6	7	8	9	10	11
23)	Revanasiddha. Baladol	1	2	3	4	5	6	7	8	9	10	11	12	13
24)	Roopa. Tadar	0	1	2	3	4	5	6	7	8	9	10	11	12
25)	Roopalata. Bixadae	1	2	3	4	5	6	7	7	8	9	10	11	12
26)	Roopanjali. Bandoada	1	2	3	4	5	6	7	8	9	10	11	12	13
27)	Prasadkumar. Karne	1	2	2	3	4	5	6	7	8	9	10	11	12
28)	Prashant. Madagond	0	1	2	3	4	5	6	7	7	8	9	10	11
29)	Prashant. Mujagond	1	1	2	3	4	5	6	7	8	9	10	11	12

# REGISTER

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# STUDENT ATTENDANCE

Name	1	2	3	4	5	6	7	8	9	10	11	12	13
Prashantha. Kasabaga	1	2	3	4	5	6	7	8	9	10	11	12	12
Praveena. Garagundagi	1	1	2	3	4	5	6	7	8	9	10	11	12
2) Priyadarshini. Patil.	1	2	3	4	5	6	7	8	9	10	11	12	13
3) Prinyank. Agasae	1	2	2	3	4	5	6	7	8	9	10	11	12
4) Priyanka. Nikkam	1	2	3	4	5	6	7	8	9	10	11	12	13
5) Bhagyashri. Pujari	0	1	2	2	3	4	5	6	7	8	9	10	11
6) Pundaleek. Kanteekar	0	1	2	3	4	5	6	7	8	9	10	11	12
7) Raghunath. Patil	1	2	3	4	5	6	7	8	9	10	11	12	13
8) Rahul. Joshi.	1	2	3	4	4	5	6	7	8	9	10	11	12
9) Rahul. Pawar	1	2	3	4	5	5	6	7	7	8	9	10	11
10) Rajashekhar. Pujari	1	2	3	4	5	6	7	8	9	10	11	12	13
11) Rajashree. Madabhari	0	1	2	3	4	5	6	6	7	8	9	10	11
12) Ranjeeta. Patil.	0	1	2	3	3	4	5	6	7	8	9	10	11
13) Ranjita. Awati.	1	2	3	4	5	6	7	8	9	10	11	12	13
14) Rashmi. Patil.	1	2	2	3	4	5	6	7	8	9	10	11	12
15) Rekha. Ttagi.	1	2	3	3	4	5	6	7	8	9	10	11	12
16) Renuka. Katti.	0	1	2	3	4	5	6	7	8	9	10	11	12
17) Renuka. Ragappagol.	1	2	3	4	5	6	7	8	9	10	11	12	13
18) Revanasiddha Ansalagi	1	2	3	4	5	6	7	8	9	10	11	12	13
19) Revanasiddha. Baladol	1	2	2	3	4	5	6	7	8	9	10	11	12
20) Roopa. Jadae	0	1	2	3	4	5	6	7	8	9	10	11	12
21) Roopalata. Bixadae	0	1	2	3	4	5	5	6	7	8	9	10	11
22) Roopanjali. Bondade	1	2	3	4	5	6	7	8	9	10	11	12	13
23) Rukmini. Kavatagi	1	2	3	4	5	6	7	8	9	10	11	12	13
24) Sachin. Batagunaki	1	1	2	3	4	5	6	7	8	9	10	11	12
25) Sachin. Chavan.	1	2	3	4	5	6	7	8	9	10	11	12	13
26) Sachinakumar. Bixadae	1	2	3	4	5	6	7	8	9	10	11	12	13
27) Sahinikumar. Derai	0	1	2	2	3	4	5	6	7	8	9	10	11
28) Sagae. Alegaon.	0	1	2	3	4	5	6	7	8	9	10	11	12
29) Samehgoud Mural	0	1	2	3	4	5	6	7	7	8	9	10	11
30) Sanggeta. Bixadae	1	2	3	4	5	6	7	8	9	10	11	12	13

# REGISTER

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# STUDENT ATTENDANCE

No. of days Present	Name	1	2	3	4	5	6	7	8	9	10	11	12	13
	Sanjeevakumar. Patil.	0	1	2	3	4	5	6	7	7	8	9	10	11
62)	Santoshi. Padavalkar	1	2	3	3	4	5	6	6	7	8	9	10	10
63)	Santosh. Pujari.	1	2	3	4	5	6	7	8	9	10	10	11	12
64)	Santrupti. Hatti	1	2	3	4	5	6	7	7	8	9	10	11	12
65)	Sarala. Patil.	1	2	3	4	5	6	7	8	9	10	11	12	13
66)	Sarasvati. Bisadae.	0	1	2	3	4	5	6	7	8	9	10	11	12
67)	Saraswati. Tamnal.	1	2	3	4	5	6	7	8	9	10	11	12	13
68)	Sarojani. Hattarakhal	1	2	3	4	5	5	6	7	7	8	9	10	11
69)	Savita. Hoogae	1	2	3	3	4	5	6	7	8	9	10	11	12
70)	Savita. Saranur.	1	2	2	3	4	5	6	7	8	9	10	11	11
71)	Shankar. Saidapur	0	1	2	3	4	5	6	7	8	9	10	11	12
72)	Shashikant. Kattimani	0	1	2	3	4	5	6	7	8	9	10	11	10
73)	Shilpa. Pawae	0	1	2	3	4	5	6	6	6	7	8	9	10
74)	Shivalaj. Rathod	1	2	3	4	5	6	7	8	9	10	11	12	13
75)	Shreedevi. Koralli	1	2	3	4	4	5	6	7	8	9	10	11	12
76)	Shreedeviuregungu. Sivadi	1	2	3	3	4	5	6	7	8	9	10	11	12
77)	Shrees hail. Pujari	0	1	2	3	4	5	6	7	8	9	10	11	11
78)	Sheikant. Pattanashetti	1	2	3	4	5	6	7	8	9	10	11	12	13
79)	Sheikanth. Bolegarv.	1	2	3	4	5	6	7	8	9	10	11	12	12
80)	Shrilata. Hosatti.	0	1	2	3	4	5	6	7	8	9	10	11	12
81)	Shrimanti. Bhavikatti	1	2	3	4	5	6	7	8	9	10	11	12	13
82)	Shrinivas. Mali.	1	2	3	4	4	5	6	7	8	9	10	11	12
83)	Shruthi. Bixadar.	1	2	3	3	4	5	6	7	8	9	10	11	12
84)	'Shruti. Bagali.	1	2	2	2	3	4	5	6	7	8	9	10	11
85)	Shruti. Honawad.	0	1	2	3	4	5	6	7	8	9	10	11	12
86)	Shruti. Mebri	1	2	3	4	5	6	7	8	9	10	11	12	13
87)	Shruti. Patil	1	2	3	4	5	6	7	7	8	9	10	11	12
88)	Shruti. Patil.	1	2	3	4	4	5	6	7	8	9	10	11	11
89)	Shruthi. Dudagi.	1	2	3	4	5	6	7	8	9	10	11	12	13
90)	Shweta. Adahali	1	2	2	3	4	5	6	7	8	9	10	11	12
91)	Shweta. Bandi	0	1	2	3	4	5	6	7	8	9	10	10	11

# REGISTER

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# 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 Or Admissi the class Promot	
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
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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]

25 × 2 = 50

- A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:  
a)  $145^\circ$       b)  $150^\circ$       c)  $155^\circ$       d)  $160^\circ$
- 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 8<sup>th</sup> Dec, 2007 Saturday falls. What day of the week was it on 8<sup>th</sup> 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

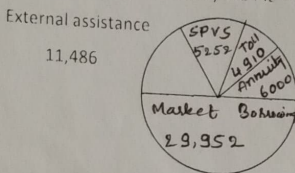
20. If all the person are made to sit in alphabetical order in clockwise direction, starting from P, the positions of of how many (excluding P) will remain unchanged as compared to their original seating position?

- 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)  $52^\circ$       b)  $137.8^\circ$       c)  $187.2^\circ$       d)  $192.4^\circ$
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



**TOTAL MARKS = 50**

<b>SL NO</b>	<b>NAME OF THE STUDENT</b>	<b>MARKS</b>
1	PRADNYARANI . CHIGADOLLI	44
2	PRASHANT . MADAGOND	48
3	PRASHANT . MUJAGOND	49
4	PRASHANTHA . KASABAGA	50
5	PRAVEENA . GORAGUNDAGI	49
6	PRIYANKA . ADALLI	46
7	PRIYANKA . NIKKAM	50
8	RAGHUNATH . PATIL	50
9	RAHUL . PAWAR	50
10	RAJASHEKHAR . PUJERI	47
11	RAJASHREE . MADABHAVI	49
12	RANJEETA . PATTAR	49
13	RENUKA . RAGAPPAGOL	44
14	REVANASIDDA . ANKALAGI	45
15	REVANASIDDHA . BARADOL	50
16	ROOPA . JADAR	49
17	ROOPALATA . BIRADAR	50
18	SACHIN . BATAGUNAKI	50
19	SACHIN . CHAVAN	50
20	SACHINAKUMAR . BIRADAR	50
21	SACHINAKUMAR . DESAI	49
22	SAGAR . ALEGAON	49
23	SANGGEETA . BIRADAR	46
24	SANJEEVAKUMAR . PATIL	47
25	SANTOSH . PUJARI	50
26	SANTOSHI . PADAVALKAR	49
27	SARALA . PATIL	47
28	SARASVATI . BIRADAR	47
29	SAROJANI . HATTARAKIHAL	50
30	SAVITA . HOOGAR	49
31	SAVITA . SASANUR	49
32	SHILPA . PAWAR	49
33	SHRIKANTH . BOLEGANV	46
34	SHRILATA . HOSATTI	43
35	SHRIMANTI . BHAVIKATTI	48
36	SHRINIVAS . MALI	45
37	SHRUTHI . BIRADAR	49
38	SHRUTHI . DUDAGI	49
39	SHRUTI . BAGALI	50
40	SHRUTI . HONAWAD	50
41	SIDDAPPA . HUGAR	50
42	SMITA . JADHAV	50
43	SMITA . TALIKOTI	48
44	SNEHAL . BADADAL	47
45	SOHAN . THAKUR	48
46	SONAKSHI . CHIMMAD	48
47	SOUBHAGYA . MANUIMATH	47
48	SOUMYA . PATIL	50
49	SUDHARANI . .	48

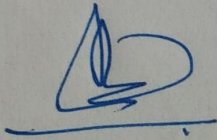
**B.L.D.E.ASSOCIATION'S**

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

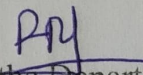
**DEPARTMENT OF MATHEMATICS**

**REPORT**

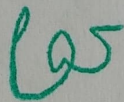
The Department of Mathematics conducted Department Best Practice on Attempting Competitive exam which training program was very helpful to students and all the students got to know about how to attempt Mathematics problems in competitive exam.



**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