



# BHARATHIAR UNIVERSITY

Folio No. : **A 18699**

COIMBATORE - 641 046

## STATEMENT OF MARKS

### M. PHIL. DEGREE EXAMINATION - PART I

APRIL 2013

Name of the Candidate	Register No	Subject
LISA RANI ALEX	2012R170	MATHEMATICS

Part I : Written

Paper No.	Title of Paper	Marks Awarded		Result
		Fig.	In words	
G21	ALGEBRA & ANALYSIS	079	ZERO SEVEN NINE	PASS
G22	PARTIAL DIFFERENTIAL EQUATIONS	068	ZERO SIX EIGHT	PASS
S75	GRAPH THEORY	078	ZERO SEVEN EIGHT	PASS
* * * * *				

Coimbatore - 46

Date : **29 JUL 2013**

*[Signature]*  
Controller of Examinations *ilc*



# BHARATHIAR UNIVERSITY

Folio : A 015544

COIMBATORE - 641 046

## STATEMENT OF MARKS

### M. PHIL. DEGREE EXAMINATIONS - PART II

Name of Candidate	Register No.
LISA RANI ALEX	2012R170
Subject	Viva Date
MATHEMATICS	18th JANUARY 2014

Part II Dissertation Title :

**MAGIC AND SUPER MAGIC GRAPHS**

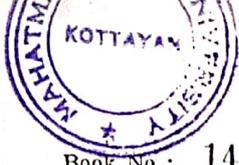
Result :

**COMMENDED**

Coimbatore - 641 046

Date : **- 6 MAR 2014**

*[Signature]*  
Controller of Examinations *ilc*



# Mahatma Gandhi University

Book No.: 14

Serial No.: 48

Section : EH - I



KOTTAYAM,  
31 AUG 2005  
Dated.....

## MEMORANDUM

The following marks were awarded to Sri/Smt. Lisa Rani Alex..... candidate with Reg. No. 72317..... at the M.Sc. Degree IV Semester Examination held in April.....2005.

SUBJECTS	MARKS AWARDED			Minimum marks required for a pass	Maximum Marks
	University Examination	Internal Assessment	Total		
<b>FACULTY OF SCIENCE</b>					
<b>BRANCH I (a) MATHEMATICS</b>					
Elective I (Code - M.4.1.)	75	25	100	40	100
Elective II (Code - M.4.8)	75	25	100	40	100
Elective III (Code - M.4.9)	61	24	85	40	100
Elective IV (Code - M.4.11)	40	24	64	40	100
Elective V (Code - M.4.15)	70	25	95	40	100
Project Work	60	25	85	40	100
Comprehensive Viva - Voce			80	40	100
<b>Total IV Semester</b>			<b>609</b>	<b>280</b>	<b>700</b>
<b>Marks Carried forward from I Semester</b>			<b>480</b>	<b>200</b>	<b>500</b>
<b>Marks Carried forward from II Semester</b>			<b>464</b>	<b>200</b>	<b>500</b>
<b>Marks Carried forward from III Semester</b>			<b>430</b>	<b>200</b>	<b>500</b>
<b>Grand Total</b>			<b>1983</b>	<b>880</b>	<b>2200</b>
<b>Grand Total in Words</b>	<b>One Nine Eight Three</b>				

Elective Code : M.4.1. Fuzzy Mathematics, M.4.2. Algorithmic Graph Theory, M.4.3. Coding Theory, M.4.4. Theory of Wavelets, M.4.5. Commutative Algebra, M.4.6. Mathematical Statistics, M.4.7. Algebraic Number Theory, M.4.8. Analytic Number Theory, M.4.9. Internet & Java Programming, M.4.10. Combinatorics, M.4.11. Operations Research, M.4.12. Signal Theory, M.4.13. Algebraic Topology, M.4.14. Classical Mechanics, M.4.15. Mathematical Economics, M.4.16. Mathematical Modelling.

Maximum Marks:- University Examination - 75, Internal Assessment - 25  
 Pass Minimum:- Separate Minimum of 30 marks for University Examination. No pass minimum for Internal Assessment.

Marks entered by : [Signature]  
 Marks compared by : [Signature]  
 Section Officer : [Signature]  
 Asst. Registrar : [Signature]

[Signature]  
 CONTROLLER OF EXAMINATIONS

Ps 3/6/2002 dt. 25/7/2003 / 20 x 100

# Mahatma Gandhi University



Book No. 57

KOTTAYAM,

Serial No. 69

Date. 28 MAY 2003

Section EF I, II, III, IV, V, VI



## MEMORANDUM

The following marks were awarded to Shri/Smt. Lisa Romi Alex  
(Reg. No. 303029.....) at the Final Year B. Sc. Degree Examination of March/April/  
Sept./Oct. 2003

SUBJECT	Mode of Evaluation	Marks awarded	In words	Minimum for a pass	Maximum marks
<b>PART III - OPTIONAL SUBJECTS</b>					
<b>(a) Group (i)</b>					
<b>MATHEMATICS MAIN</b>					
1. Written Examination	External	462	Five Eight-Two	144	480
	Internal	120		36	120
	<b>Total</b>	<b>582</b>		<b>210</b>	<b>600</b>
<b>(b) SUBSIDIARY SUBJECTS</b>					
1. Statistics		200	Two Zero Zero	70	200
2. Physics/Computer Science		191	One Nine One	70	200
<b>Grand Total</b>		<b>973</b>	<b>Nine Seven Three</b>	<b>350</b>	<b>1000</b>

Prepared by : [Signature]  
Checked by : [Signature]  
Section Officer : [Signature]

[Signature]

CONTROLLER OF EXAMINATIONS

Ps 2/6/2001 (1) dt. 8/1/2001 70 x 100



Pre-Degree Examination  
First Year Reappearance  
April 199...

MAHATMA GANDHI UNIVERSITY



Kottayam,

Date 9 JUN 2000

Section : ED IX

Book No. 39

Serial No. 86

Register Number 29153

This is to certify that Shri/Smt. Lisa Rani Alex appeared for the PRE-DEGREE EXAMINATION held in April / ~~September~~ 2000

- ✓ 1. He/She has passed the Examination in 

FIRST CLASS WITH DISTINCTION	FIRST CLASS	SECOND CLASS	THIRD CLASS
------------------------------	-------------	--------------	-------------
2. He/She has completed the Examination in Third Class.
3. He/She has not completed the Examination.

The marks obtained by the candidate for different subjects are shown below:-

SUBJECTS	Marks awarded	Min. marks for a pass	Max. marks
Part A English		33	100
Part B			
Addl. Language		33	100
.....			
Part C			
Optional Subjects			
1. Physics		33	100
2. Chemistry		33	100
3. Mathematics		33	100

SUBJECTS	MARKS AWARDED		Minimum marks for a pass	Maximum marks
	in figures	in words		
PART A - ENGLISH	54	Five, Four	35	100
PART B - ADDITIONAL LANGUAGE ( <u>Malayalam</u> )	71	Seven, One	35	100
PART C - OPTIONAL SUBJECTS				
1. Physics	88	Eight, Eight	35	100
2. Chemistry	92	Nine, Two	35	100
3. Mathematics	100	One, Zero, Zero	35	100
Total for Optional Subjects	280	Two, Eight, Zero	105	300
Grand Total	405	Four, Zero, Five	175	500

Marks entered by [Signature]  
 Marks compared by [Signature]  
 Section Officer.....  
 Assistant Registrar.....  
 PS 2/6/96 (sub) 61 dt. 6/5/96 | 150x100

C. E.

CONTROLLER OF EXAMINATIONS



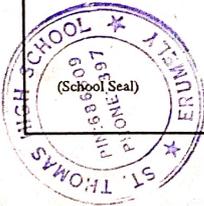
Signature of Candidate :

Lisa

Left thumb impression of the candidate :

1. Name of Candidate LISA RANI ALEX
- (In English, in block capitals, initials, after the name)
- (a) Expansion of initials, if any L.R.A.
- (b) Name in Regional Language ലിസ രാണി അലക്സ
2. Sex Female 3. Religion Christian 4. Caste Catholic
5. Place of Birth Keratty
- (a) Name of Panchayath/Town Kanjirappally (b) Country India
6. Nationality Indian 7. Date of birth (in figures) 28-5-1983
- (in words) Twenty Eighth May Nineteen Eighty Three
8. Name of Father Alexander J. Arackel
9. Name of Mother Rosamma
10. Name of Guardian Alexander J. Arackel
11. Relationship of the Guardian with the Pupil Father
12. Occupation of the Parent/Guardian Advocate
13. Parent's or Guardian's Postal Address Arackel Kuruvaamanghy  
Kattayam 14. Mode of Presentation Regular
15. Proficiency in Academic, Athletic and Cultural Activities (State level / National level) N.I.I.
16. Participation and Leadership in Other Activities. (N. C. C. / Scouts & Guides, Junior Redcross) N.I.I.
17. Conduct and Character (High/Average) High
18. Personal Marks of Identification 19. Blood Group O +ve
- (i) A mole on the right fore arm
- (ii) Another mole on the left fore arm

I certify that the entries in this page are accurate as per relevant school records.



Name and Signature of Head of School with date  
V. J. Joseph  
Designation : Headmaster,  
St. Thomas High School  
Erumely.



### SECONDARY SCHOOL LEAVING CERTIFICATE EXAMINATION

Name of Candidate LISA RANI ALEX  
(Block Capitals)  
Register Number 62077 Month & Year March 1998

Subjects	Maximum For the Paper	Marks at the Public Examination				Minimum for a pass		State Average
		Subject Total	Group Total		Subject	Group		
			In Figure	In words				
<b>GROUP A - Languages</b>								
FIRST LANGUAGE								
Paper I ( <u>Mal</u> )	50	47	90	206	Two Zero Six	20	90	24
Paper II ( <u>Mal</u> )	50	43						25
SECOND LANGUAGE								
English Paper I	50	39	78	206	Two Zero Six	20	90	16
Paper II	50	39						17
THIRD LANGUAGE								
Hindi	50	38	38	206	Two Zero Six	10		21
<b>GROUP B - Subjects</b>								
SOCIAL SCIENCES								
Paper I - History & Civics	50	46	87	318	Three One Eight	20	120	20
Paper II - Geography & Economics	50	41						21
SCIENCE								
Paper I - Physics	50	46	140	318	Three One Eight	30	120	17
Paper II - Chemistry	50	47						18
Paper III - Biology & Health Science	50	47						19
MATHEMATICS								
Paper I	50	46	91	318	Three One Eight	20	120	17
Paper II	50	45						17
<b>TOTAL</b>	<b>600</b>			<b>524</b>	<b>Five Two Four</b>			

(Marks : 480 and above First Class with Distinction; 360 to 479 First Class; 300 to 359 Second Class; 210 to 299 Third Class)

**PASSED**  
Eligible for admission to a University in Kerala subject to the conditions of admission.  
K. SASIDHARAN  
Secretary, Board of Public Examinations, Kerala State