

## KCET 2023: Mathematics

### Chapter wise Marks Distribution

Sl No	Chapter Name	2015	2016	2017	2018	2019	2020	2021	2022	Average
1.	Sets	1	0	1	0	1	1	2	1	1
2.	Relational and Functions (11 <sup>th</sup> & 12 <sup>th</sup> )	5	3	4	3	4	4	5	5	4
3.	Trigonometry	2	4	1	0	2	2	2	4	2
4.	Complex Numbers and Quadratic Equations	3	2	1	1	1	1	1	1	1.4
5.	Linear Inequations	2	0	2	1	2	0	1	0	1.1
6.	Permutation and Combinations	1	0	1	2	2	0	1	1	1
7.	Binomial Theorem	1	1	1	2	1	3	0	0	1.1
8.	Sequences and Series	1	1	1	1	1	1	1	1	1
9.	Straight Lines	1	1	1	1	1	1	1	1	1
10.	Conics Sections	1	2	1	1	1	1	0	0	1
11.	Limits and Derivatives	2	1	2	1	2	2	2	2	1.7
12.	Mathematical Reasoning		1	1	1	1	1	0	0	0.7
13.	Statistics	1	1	3	0	1	1	1	1	1.1
14.	Inverse Trigonometry	4	4	2	2	2	2	2	1	2.4
15.	Matrices and Determinants	5	7	7	7	6	6	6	8	6.5
16.	Continuity and Differentiability	5	6	6	6	5	5	6	6	5.7
17.	Application of derivatives	6	5	8	4	3	3	4	3	4.5
18.	Integrals	5	6	2	6	6	6	6	7	5.5
19.	Application of integrals	1	1	2	2	2	2	2	1	1.6
20.	Differential Equations	2	3	1	3	3	3	2	4	2.6
21.	Vectors	3	6	3	4	4	3	5	3	4
22.	Three-dimensional Geometry (11 <sup>th</sup> & 12 <sup>th</sup> )	3	2	4	4	4	5	4	4	3.8
23.	Probability	4	3	2	6	5	5	5	4	4.3
24.	Linear Programming	0	0	1	2	0	2	1	2	1

**For any Course related doubts  
Call: 7411-008-008**

### Section I : Calculus

1.	Trigonometry	2
2.	Inverse Trigonometry	2.4
3.	Limits and Derivatives	2
4.	Continuity and Differentiability	5.7
5.	Application of derivatives	4.5
6.	Integrals	5.5
7.	Application of integrals	1.6
8.	Differential Equations	2.6
<b>Total</b>		<b>26.3</b>

### Section II: Non-Calculus

1.	Sets	1
2.	Relational and Functions	4
3.	Matrices and Determinants	6.5
4.	Vectors	4
5.	Three-dimensional Geometry	3.8
6.	Probability	4.3
7.	LPP	1
<b>Total</b>		<b>24.6</b>

### Section III: Other Chapters

1.	Complex Numbers and Quadratic Equations	1.4
2.	Linear Inequations	1
3.	Permutation and Combinations	1
4.	Binomial Theorem	1
5.	Sequences and Series	1
6.	Straight Lines	1
7.	Conic Sections	1
8.	Mathematical Reasoning	0.7
9.	Statistics	1
<b>Total</b>		<b>9.1</b>

#### Note:

1. If you are choosing Engineering or Mathematics related courses, we strongly recommend you to start from Section I. Otherwise, you can choose start Section II.



**For: Students of Simplifiedminds (Ace KCET2023 Batch)**

Sl No	Chapter Name	Concept Capsule (Short Notes)	DPP1	DPP2	PYQs	Worksheet	Live Doubt Sessions	Self-Practice	Self Revision 1	Self Revision 2
1.	Sets									
2.	Relational and Functions									
3.	Trigonometry									
4.	Complex Numbers									
5.	Linear Inequations									
6.	Permutation and Combinations									
7.	Binomial Theorem									
8.	Sequences and Series									
9.	Straight Lines									
10.	Conics Sections									
11.	Limits and Derivatives									
12.	Mathematical Reasoning									
13.	Statistics									
14.	Inverse Trigonometry									
15.	Matrices and Determinants									
16.	Continuity and Differentiability									
17.	Application of derivatives									
18.	Integrals									
19.	Application of integrals									
20.	Differential Equations									
21.	Vectors									
22.	Three-dimensional Geometry									
23.	Probability									
24.	Linear Programming									

**Take a print out and stick it near your study place. Note: Put tick  $\checkmark$  in every box once you have finished it.**

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### For: Self Learners

Sl No	Chapter Name	Chapter Glance (Short Notes)	Solve Worked Examples	PYQs	Update (Short Notes)	Practice Similar PYQs	Self Revision 1	Self Revision 2
1.	Sets							
2.	Relational and Functions							
3.	Trigonometry							
4.	Complex Numbers							
5.	Linear Inequations							
6.	Permutation and Combinations							
7.	Binomial Theorem							
8.	Sequences and Series							
9.	Straight Lines							
10.	Conics Sections							
11.	Limits and Derivatives							
12.	Mathematical Reasoning							
13.	Statistics							
14.	Inverse Trigonometry							
15.	Matrices and Determinants							
16.	Continuity and Differentiability							
17.	Application of derivatives							
18.	Integrals							
19.	Application of integrals							
20.	Differential Equations							
21.	Vectors							
22.	Three-dimensional Geometry							
23.	Probability							
24.	Linear Programming							

**Note: Put tick  $\sqrt{\quad}$  in every box once you have finished it.**

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