

# CDS 1 2025

LIVE

# MATHS

## STUDY PLAN & ANALYSIS



NAVJYOTI SIR



## 23 Sep 2024 Live Classes Schedule

8:00AM	23 SEP 2024 DAILY CURRENT AFFAIRS	RUBY MA'AM
9:00AM	23 SEP 2024 DAILY DEFENCE UPDATES	DIVYANSHU SIR

### NDA 1 2025 LIVE CLASSES

10:30AM	ENGLISH - STUDY PLAN & ANALYSIS	ANURADHA MA'AM	✓
11:30AM	GK - STUDY PLAN & ANALYSIS	RUBY MA'AM	✓
2:30PM	GS - STUDY PLAN & ANALYSIS	SHIVANGI MA'AM	✓
4:00PM	MATHS - STUDY PLAN & ANALYSIS	NAVJYOTI SIR	✓

### CDS 1 2025 LIVE CLASSES

11:30AM	GK - STUDY PLAN & ANALYSIS	DIVYANSHU SIR	✓
1:00PM	GS - STUDY PLAN & ANALYSIS	SHIVANGI MA'AM	✓
2:30PM	MATHS - STUDY PLAN & ANALYSIS	NAVJYOTI SIR	✓
5:30PM	ENGLISH - STUDY PLAN & ANALYSIS	ANURADHA MA'AM	✓

### AFCAT 1 2025 LIVE CLASSES

10:00AM	REASONING - STUDY PLAN & ANALYSIS	RUBY MA'AM	✓
12:00PM	ENGLISH - STUDY PLAN & ANALYSIS	ANURADHA MA'AM	✓
1:00PM	MATHS - STUDY PLAN & ANALYSIS	NAVJYOTI SIR	✓
4:00PM	STATIC GK - STUDY PLAN & ANALYSIS	DIVYANSHU SIR	✓





# All About CDS 1 2025 Exam

Union Public Service Commission (UPSC) will publish CDS 1 2025 exam official notification in December 2024 for admission of unmarried males/ females to the Indian Military Academy, Officers' Training Academy, Indian Naval Academy, and Indian Air Force Academy.



# CDS 1 2025 Important Dates to Remember

No.	Important Events	Dates
1.	Notification Release Date	11 December 2024
2.	Starting date for Submission of Application	11 December 2024
3.	Last date for Submission of Application	31 December 2024
4.	Release of Admit Card	2 Weeks Before Exam
5.	Date of the Examination	<b>13 April 2025 (SUNDAY)</b> ✓
6.	Declaration of Results	May/June 2025

# CDS 1 2025 Tentative Exam Vacancies

Academy	Vacancies
IMA Dehradun	100
INA Ezhimala	22
AFA Hyderabad	32
OTA Chennai (Men)	170
OTA Chennai (Women)	17
<b>TOTAL</b>	<b>341</b>



# CDS 1 2025 Selection Procedure





# CDS 1 2025 Exam Pattern

- For Admission to Indian Military Academy, Indian Naval Academy, and Air Force Academy:

PAPER	SUBJECT	DURATION	QUESTIONS	MARKS
I	English ✓	2 Hours ✓	120 ✓	100
II	General Knowledge ✓	2 Hours ✓	120 ✓	100
III	Elementary Mathematics ✓	2 Hours ✓	100	100

- For Admission to Officers' Training Academy:

PAPER	SUBJECT	DURATION	QUESTIONS	MARKS
✓ I	English	2 Hours	120	100
✓ II	General Knowledge	2 Hours	120	100

# CDS 1 2025 Marking Scheme

SUBJECT	NO. OF QUESTIONS	TOTAL MARKS	CORRECT ANSWER	WRONG ANSWER
English	120	100	0.83 Marks ✓	0.27 Marks ✓
General Knowledge	120	100		
Elementary Mathematics	100	100	1 Mark ✓	0.33 Marks ✓
<b>TOTAL</b>	<b>340</b>	<b>300</b>		



# Marking System in CDS 1 2025 Maths Paper

- Total no. of Questions = **100** ✓
- Total no. of Marks = **100 marks** ✓
- 1 Question = **1 marks** ✓
- Negative marking = **0.33 marks for every incorrect answer** ✓

# CDS Previous Years' Written Cut-off Marks

Cut-off Marks (Written Result) of the Last Recommended / Qualified Candidate (out of 300/200 marks)					
Exam Years	IMA	INA	AFA	OTA (M)	OTA (F)
CDS 2 2024	TO BE UPDATED				
CDS 1 2024	TO BE UPDATED				
CDS 2 2023	127	110	136	104	104
CDS 1 2023	132	122	142	101	101
CDS 2 2022	126	118	136	98	98
CDS 1 2022	136	128	147	100	100
CDS 2 2021	138	132	148	102	102
CDS 1 2021	145	136	158	107	107
CDS 2 2020	139	134	152	97	97
CDS 1 2020	130	118	143	93	93

Safe scores / TARGET

# CDS Previous Years' Final Cut-off Marks

Final Cut-off Marks (Result After Interview) of the Last Recommended Candidate (out of 600/400 marks)					
Exam Years	IMA	INA	AFA	OTA (M)	OTA (F)
CDS 2 2024	TO BE UPDATED				
CDS 1 2024	TO BE UPDATED				
CDS 2 2023	250	237	259	185	188
CDS 1 2023	257	247	266	181	184
CDS 2 2022	249	248	258	180	179
CDS 1 2022	258	256	269	181	184
CDS 2 2021	263	256	270	183	184
CDS 1 2021	268	260	281	189	191
CDS 2 2020	263	257	279	179	178
CDS 1 2020	250	242	274	173	177

MAX. CUTOFF  
 =  
 TARGET  
 SCORE

# CDS 1 2025 Expected Cut-off Marks

SUBJECT	TOTAL MARKS	CUT-OFF MARKS				
		IMA	INA	AFA	OTA (M)	OTA (F)
English	100	20	20	20	20	20
General Knowledge	100	20	20	20	20	20
Mathematics	100	20	20	20	-	-
<b>Total Marks</b>	<b>300</b>	<b>60</b>	<b>60</b>	<b>60</b>	<b>40/200</b>	<b>40/200</b>
Expected Last Recommended Candidate (Written Exam) Cut Off	300/200	140 – 150	130 – 140	150 – 160	100 – 110	100 – 110
Expected Last Recommended Candidate (After Interview) Cut Off	600/400	240 – 260	220 – 240	250 – 280	150 – 170	150 – 170

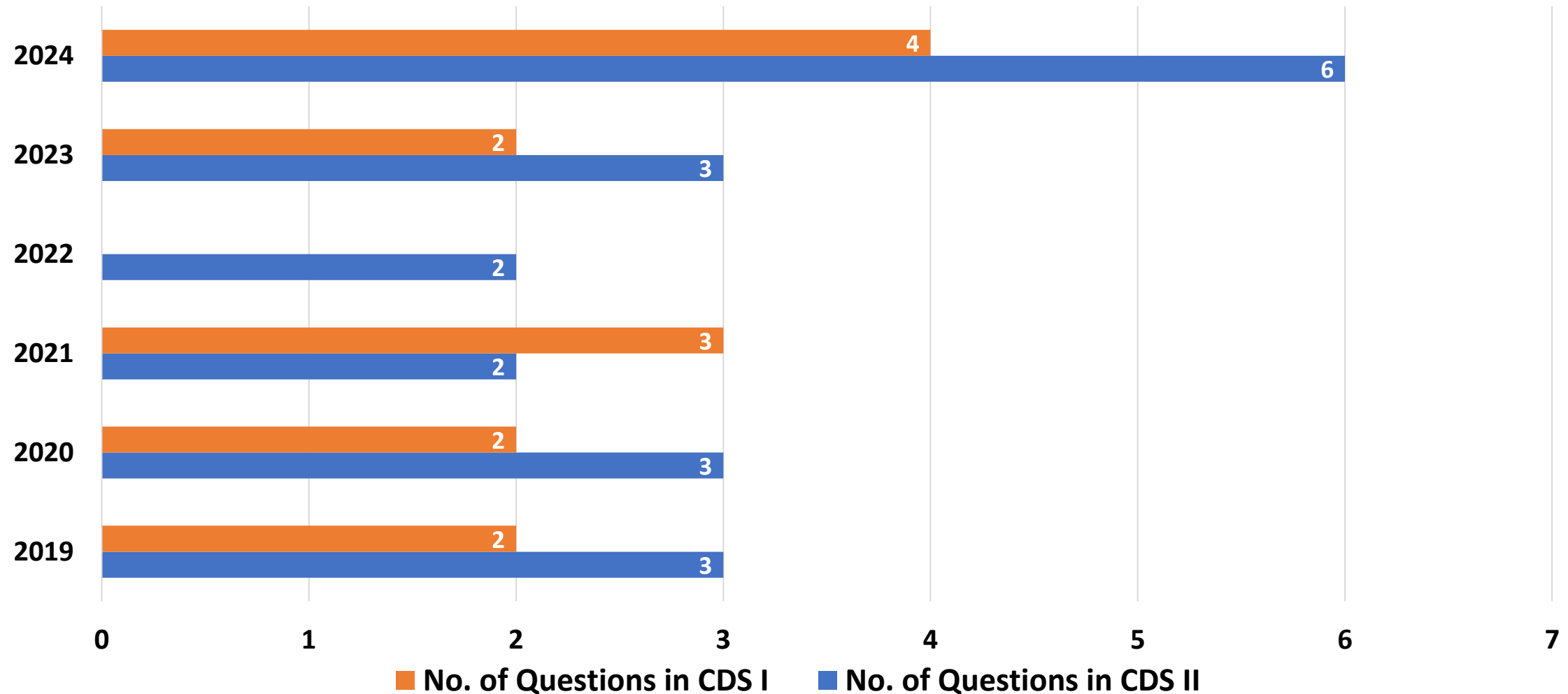


# CDS 1 2025 Elementary Maths Syllabus

- Algebra ✓
  - Geometry ✓
  - Number Systems ✓
  - Trigonometry ✓
  - Mensuration 2D ✓
  - Statistics ✓
  - Mensuration 3D ✓  
(Most weightage)
- Speed, Distance & Time
  - Ratio & Proportion ✓ }  
• Percentage ✓ }
  - Time & Work
  - Simple & Compound Interest
  - Profit & Loss
  - Average
  - Logarithms
  - Set Theory

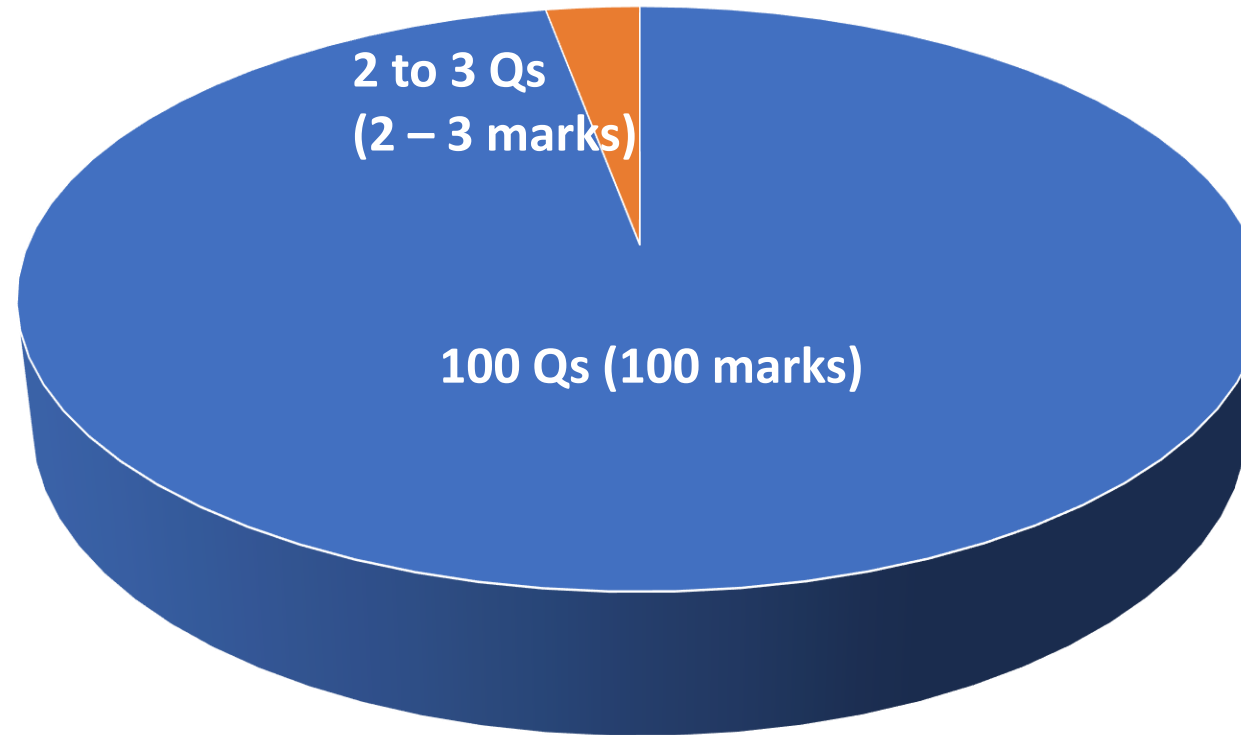
# RATIO & PROPORTION

## CDS Maths Paper Previous Years Q&A Analysis



# RATIO AND PROPORTION

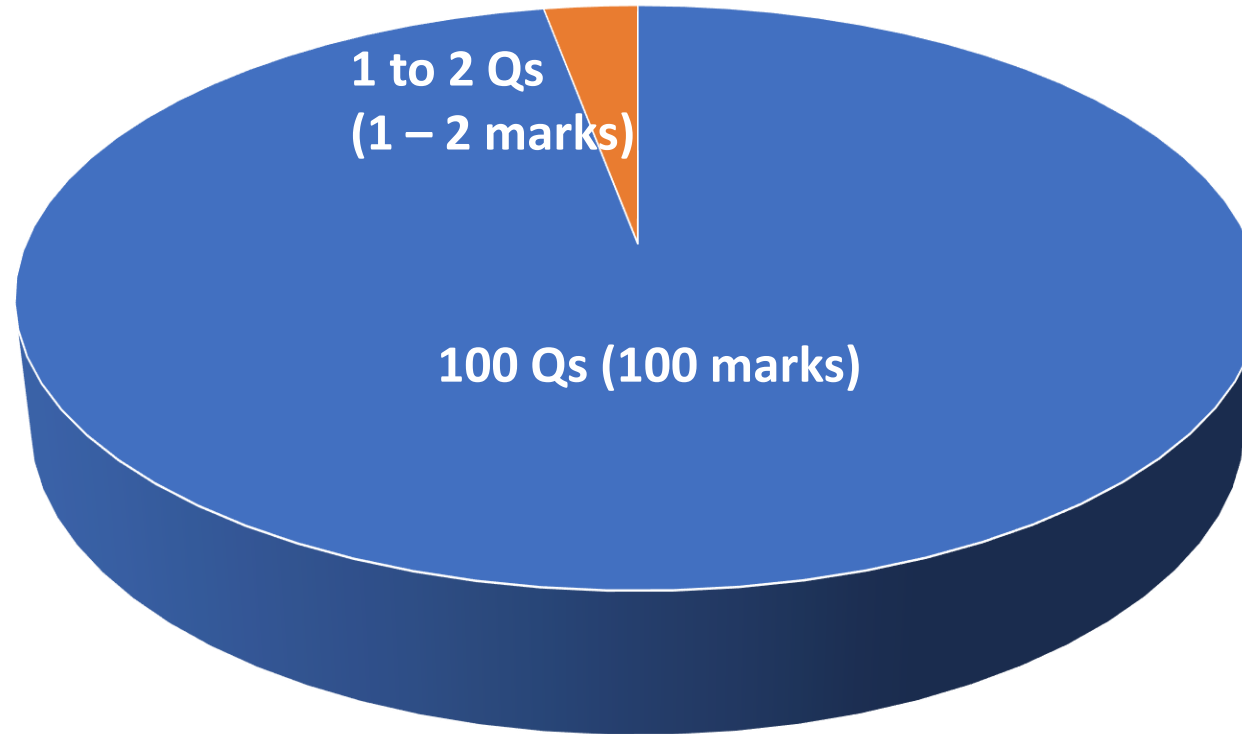
## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Ratio and Proportion Questions & Marks (Approx.)

# PERCENTAGE

## Expected No. of Questions & Marks Division

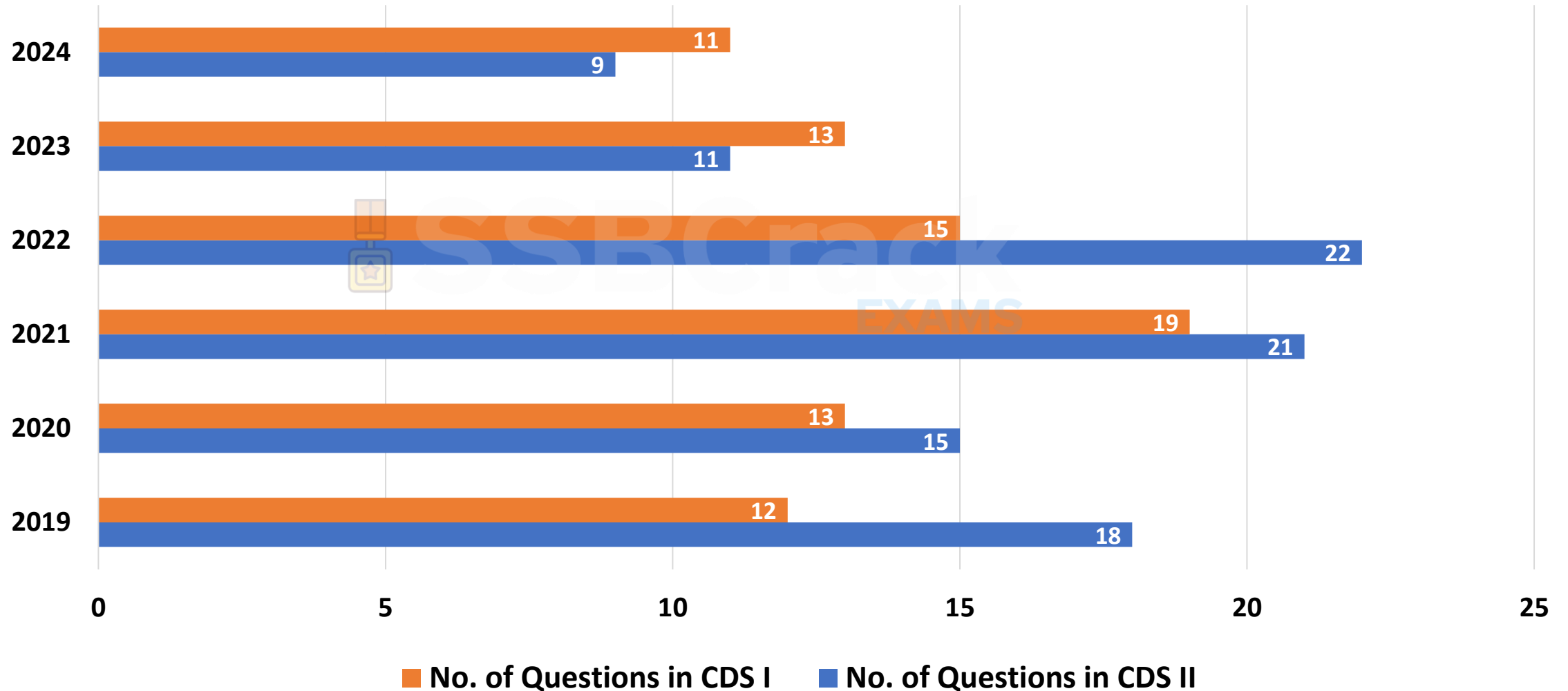


- Total no. of Questions & Marks
- No. of Percentage Questions & Marks (Approx.)



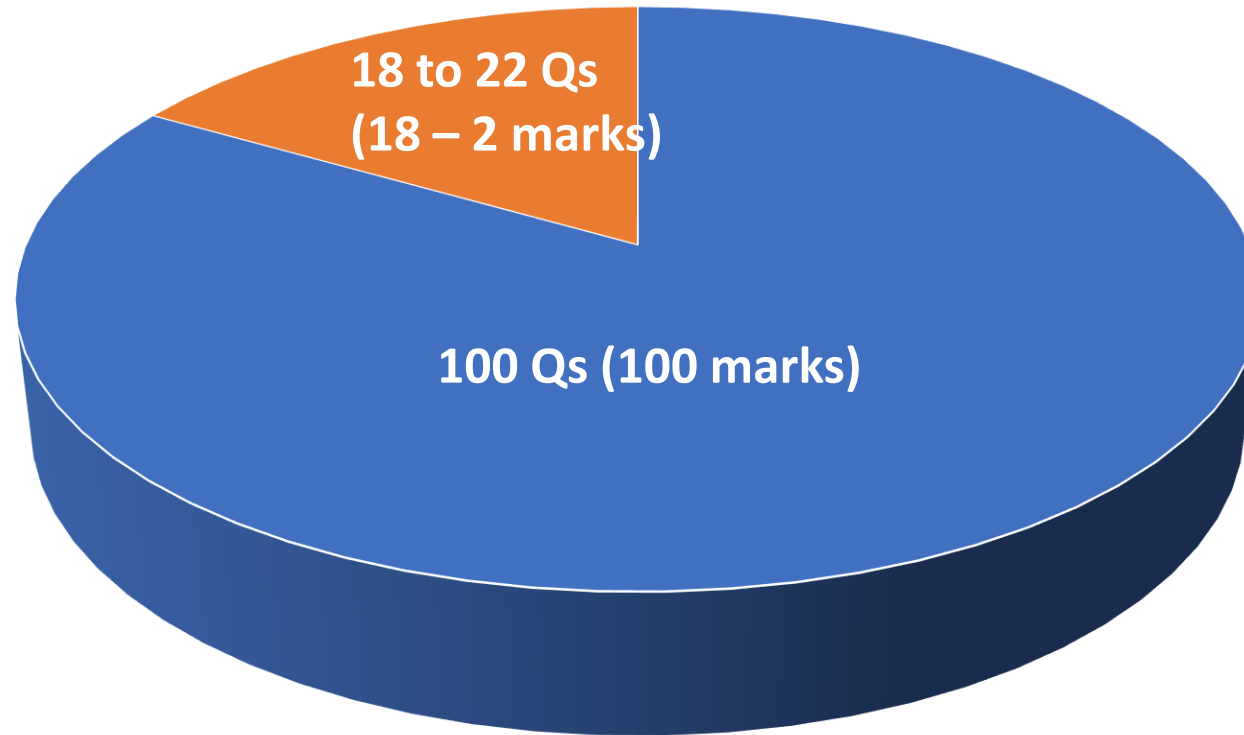
# ALGEBRA

## CDS Maths Paper Previous Years Q&A Analysis



# ALGEBRA

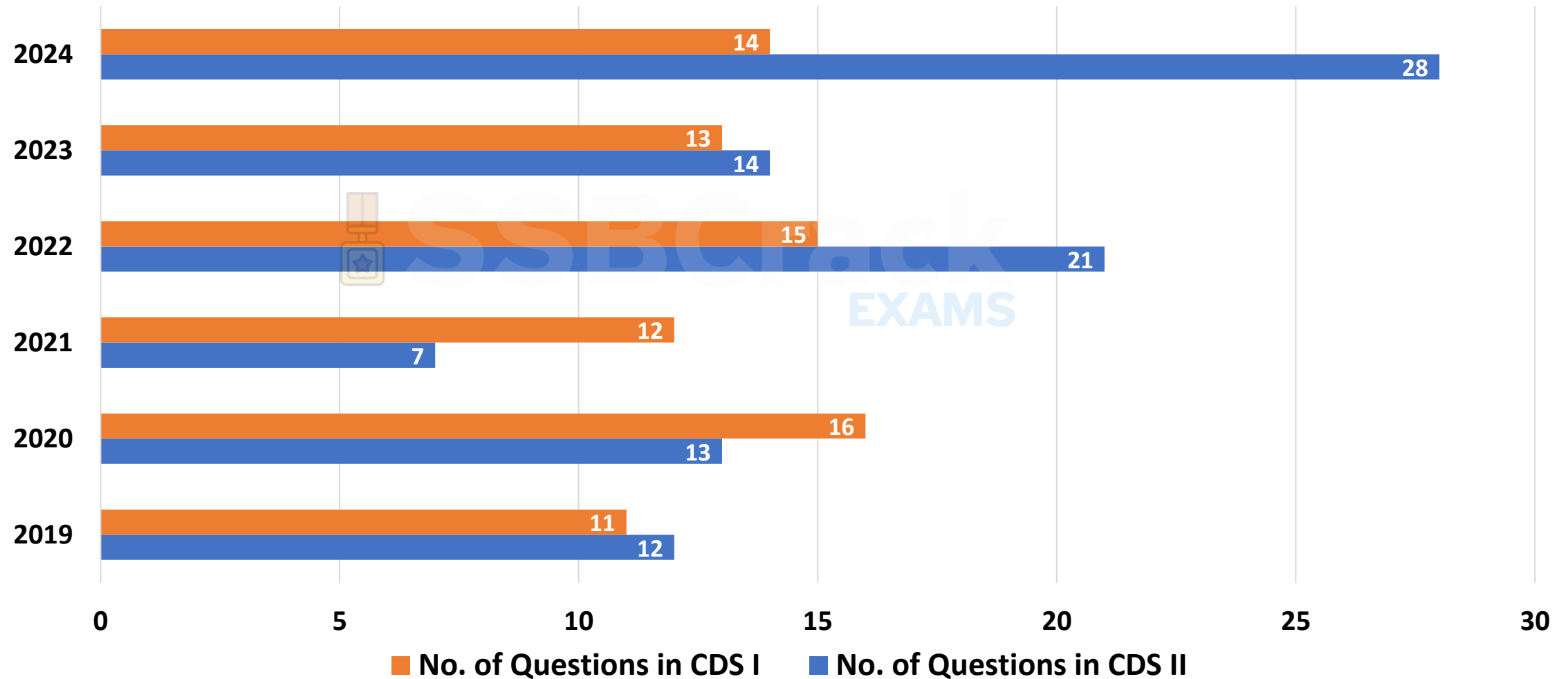
## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Algebra Questions & Marks (Approx.)

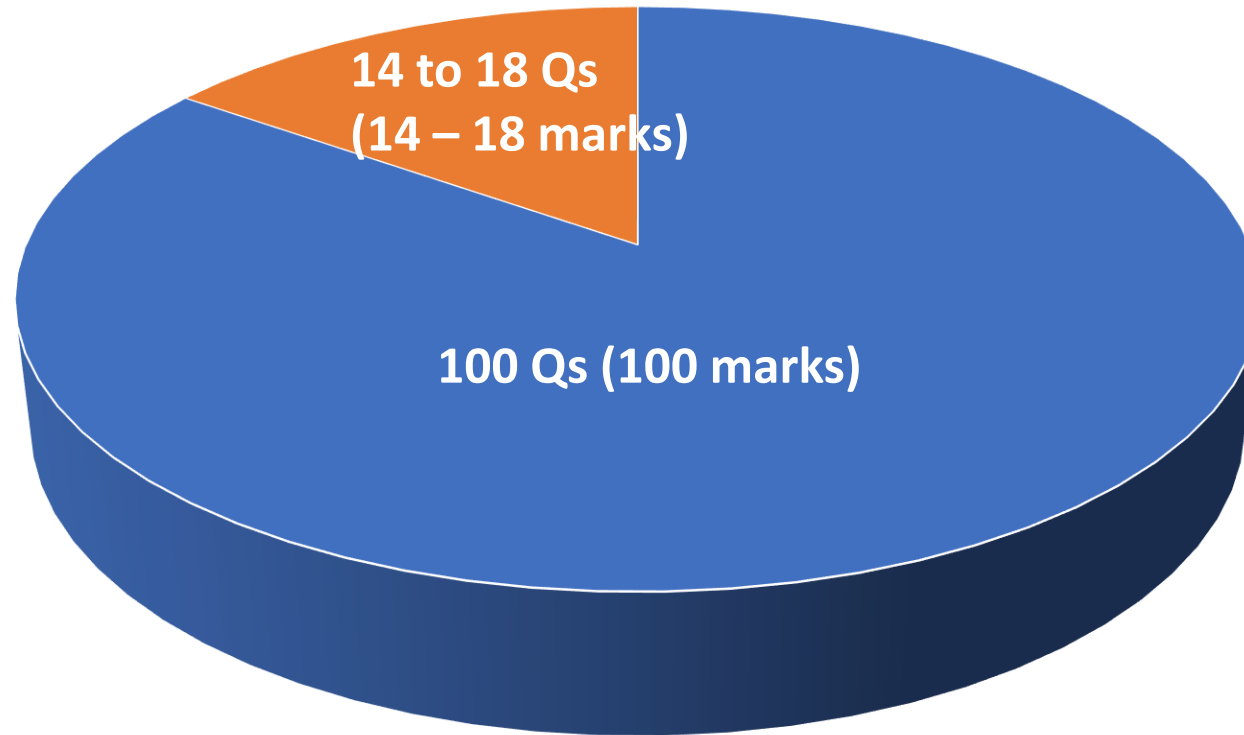
# GEOMETRY

## CDS Maths Paper Previous Years Q&A Analysis



# GEOMETRY

## Expected No. of Questions & Marks Division

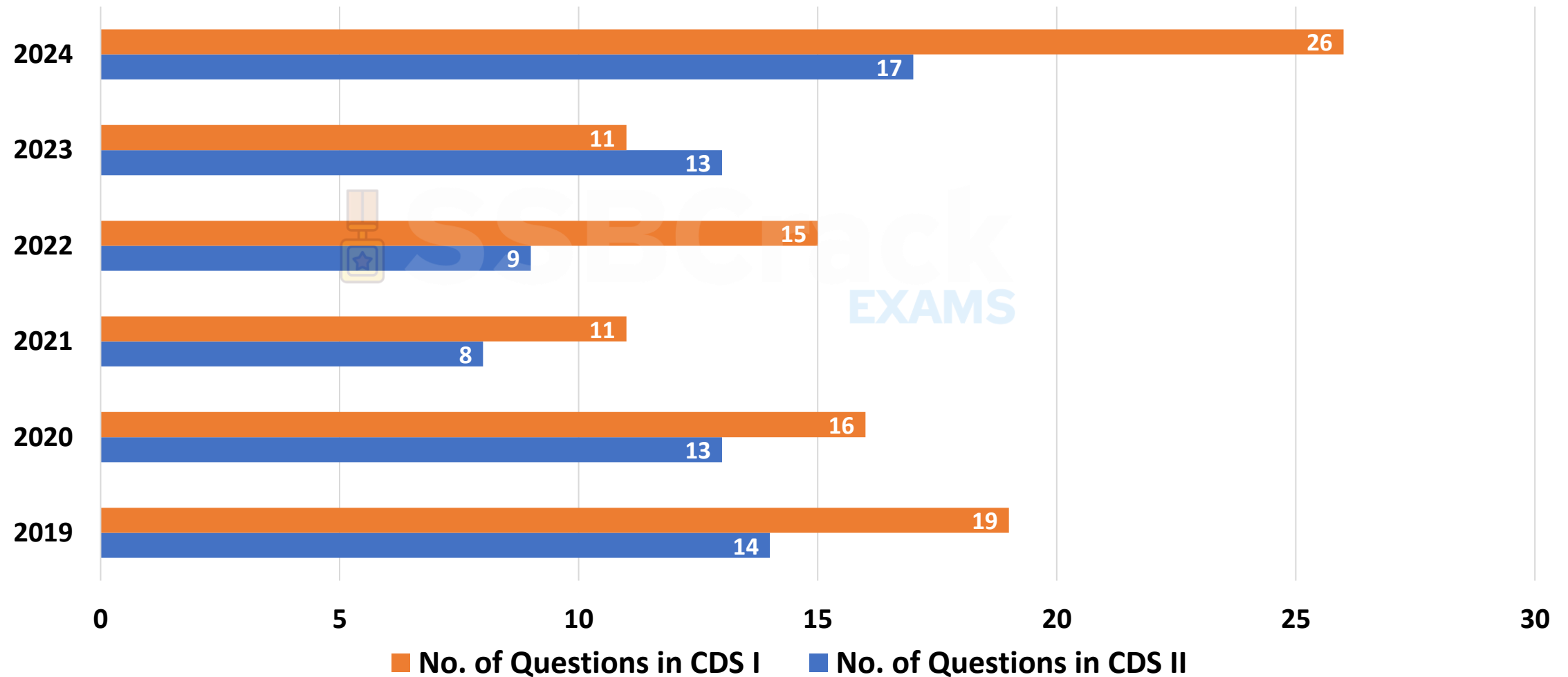


- Total no. of Questions & Marks
- No. of Geometry Questions & Marks (Approx.)



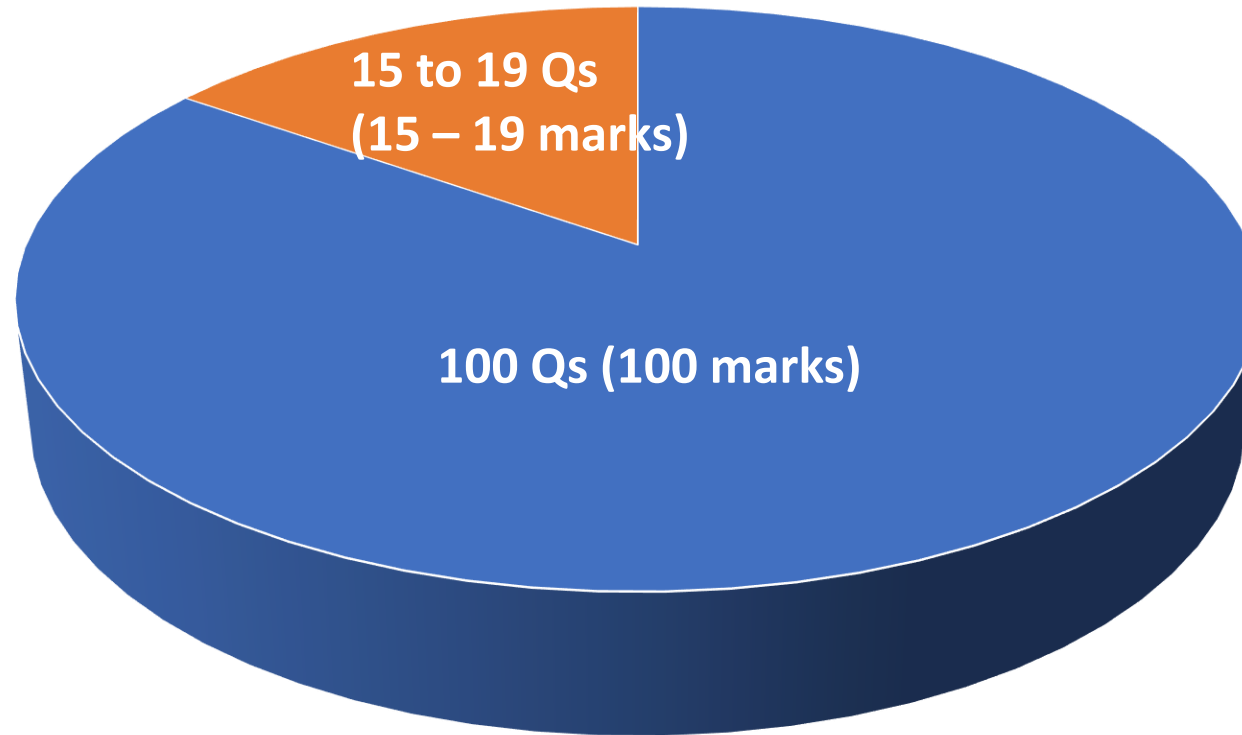
# NUMBER SYSTEM

## CDS Maths Paper Previous Years Q&A Analysis



# NUMBER SYSTEM

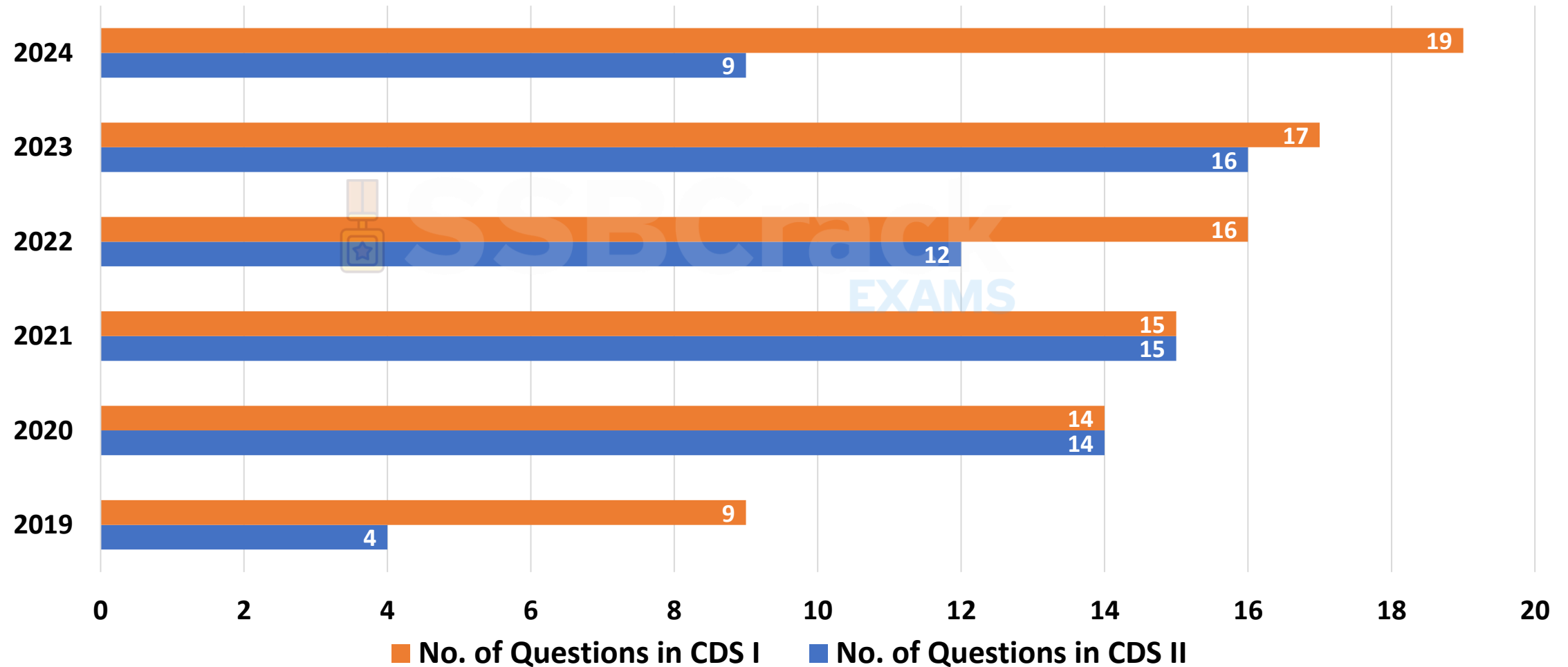
## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Number System Questions & Marks (Approx.)

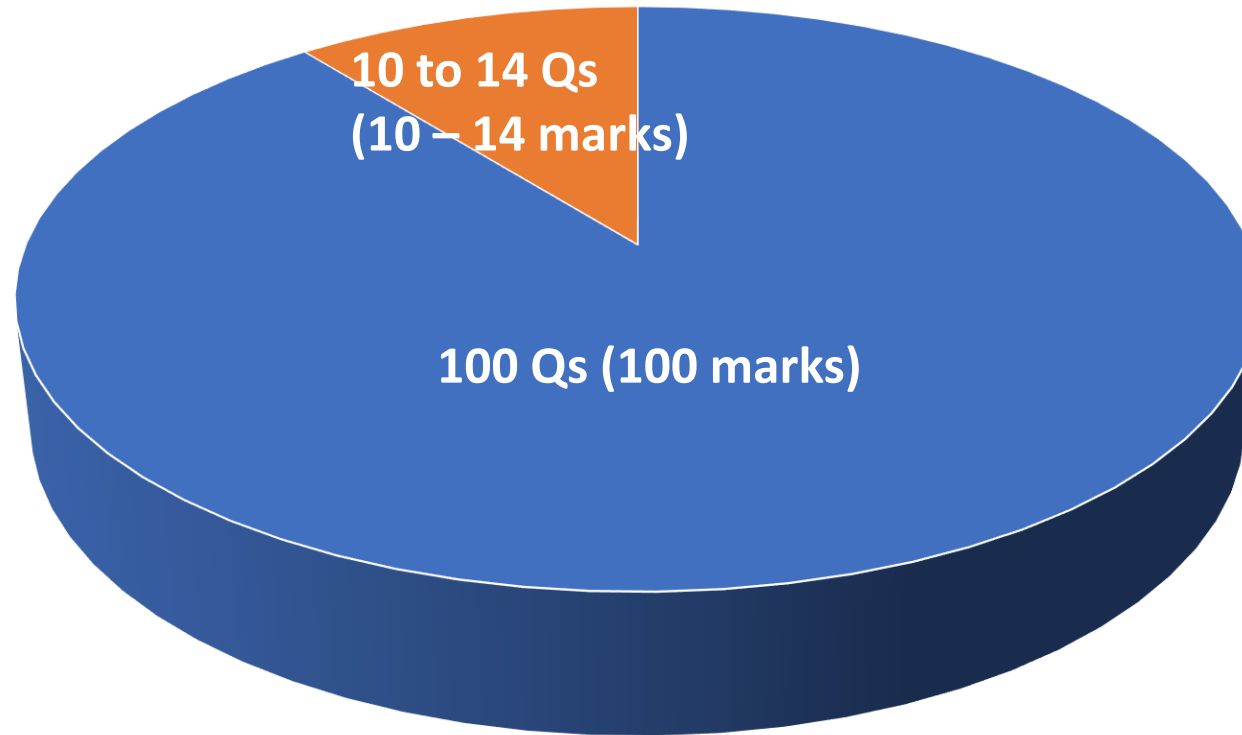
# TRIGONOMETRY

## CDS Maths Paper Previous Years Q&A Analysis



# TRIGONOMETRY

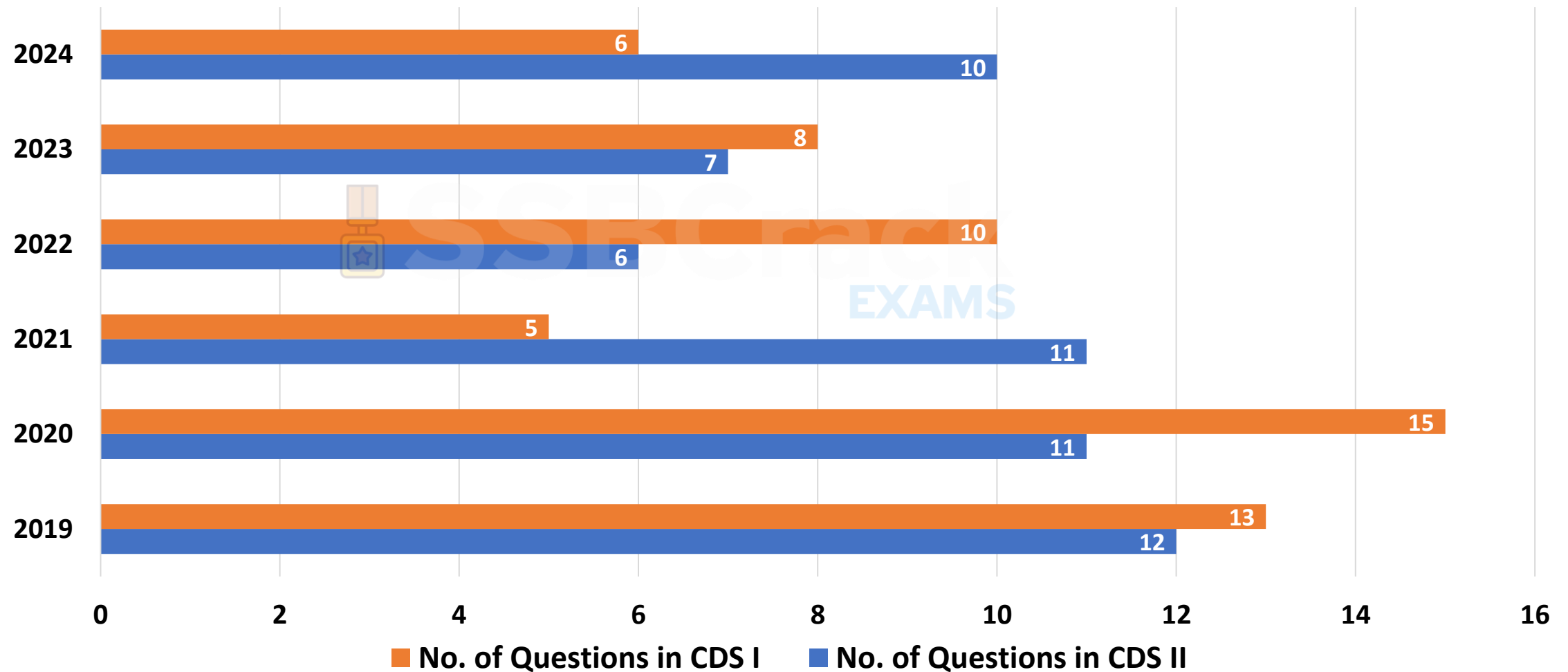
## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Trigonometry Questions & Marks (Approx.)

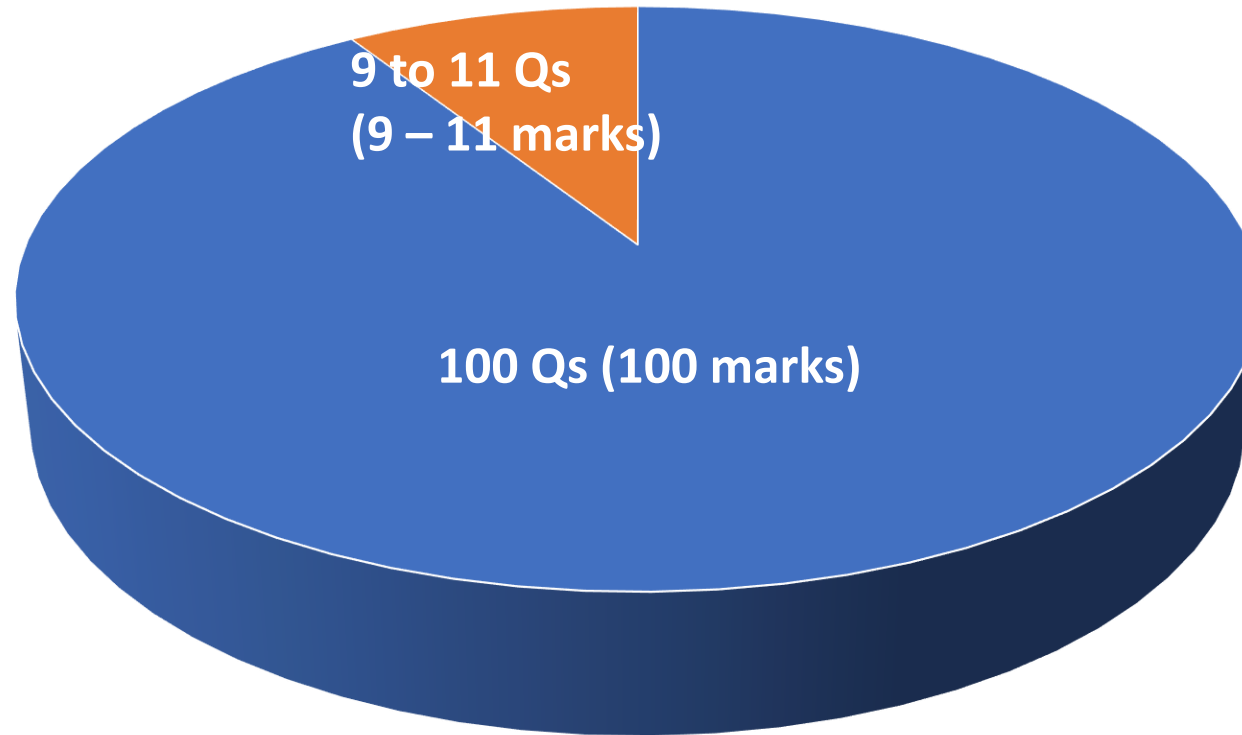
# MENSURATION 2D

## CDS Maths Paper Previous Years Q&A Analysis



# MENSURATION 2D

## Expected No. of Questions & Marks Division

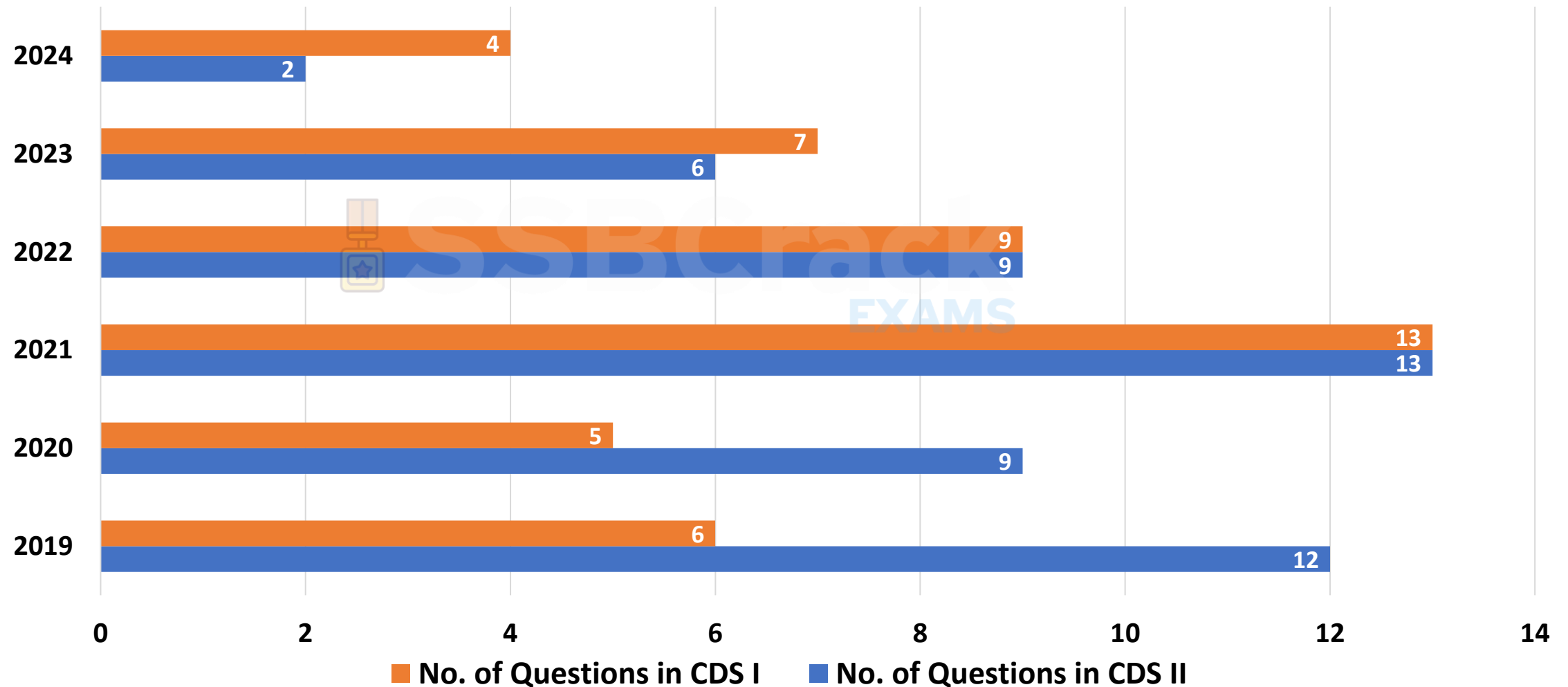


■ Total no. of Questions & Marks

■ No. of Mensuration 2D Questions & Marks (Approx.)

# MENSURATION 3D

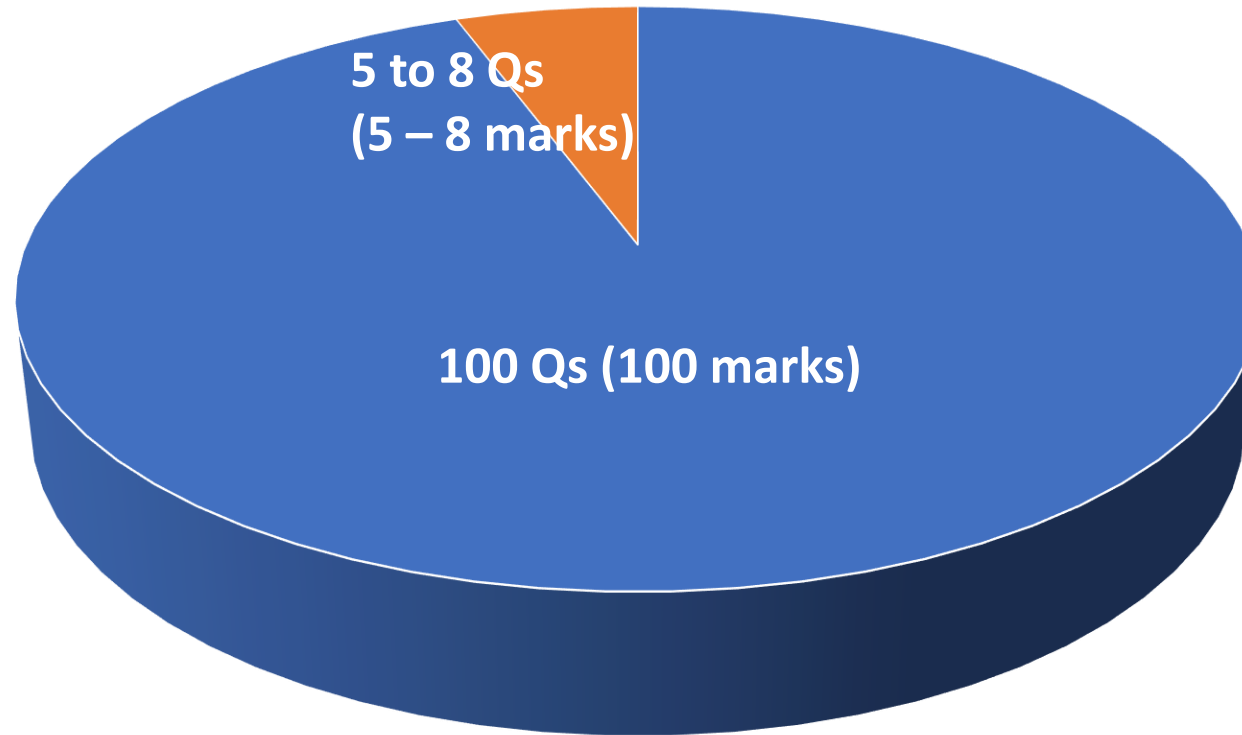
## CDS Maths Paper Previous Years Q&A Analysis





# MENSURATION 3D

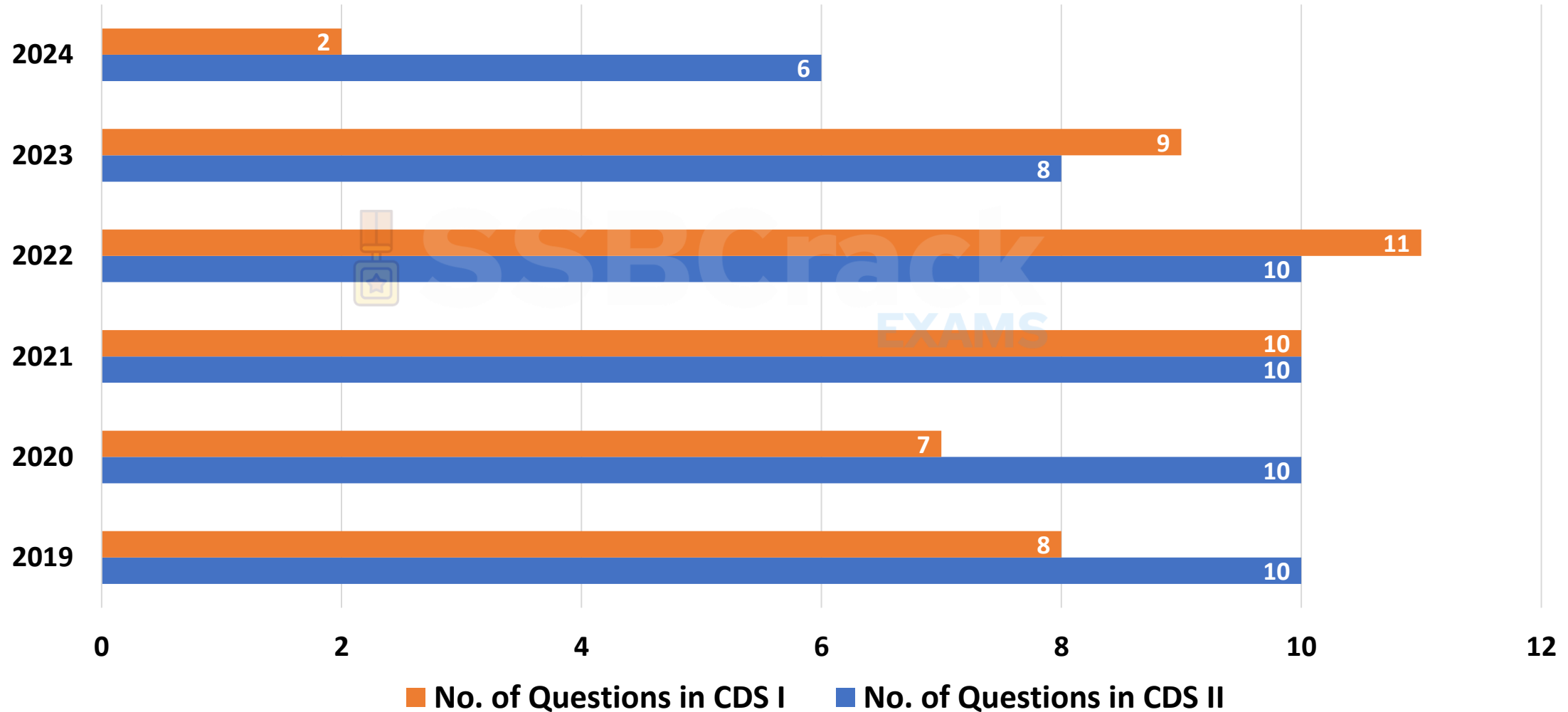
## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Mensuration 3D Questions & Marks (Approx.)

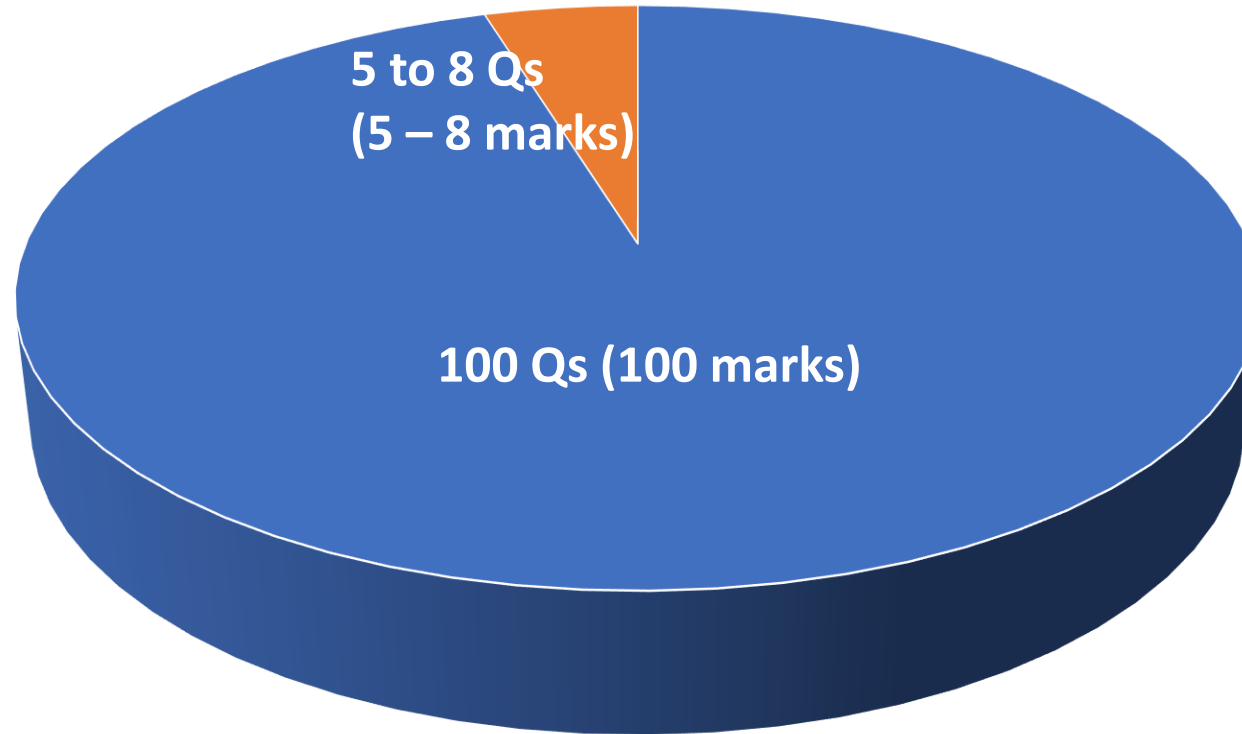
# STATISTICS

## CDS Maths Paper Previous Years Q&A Analysis



# STATISTICS

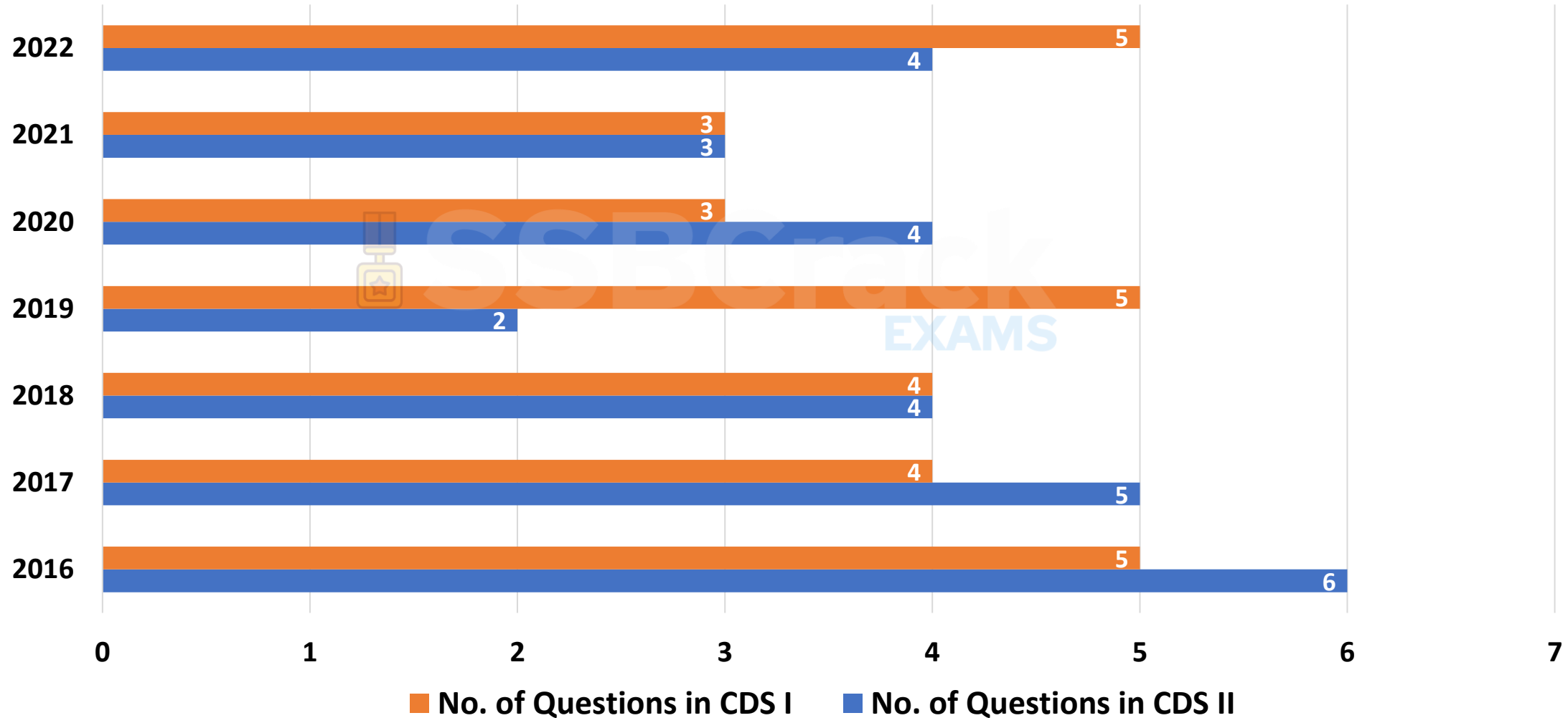
## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Statistics Questions & Marks (Approx.)

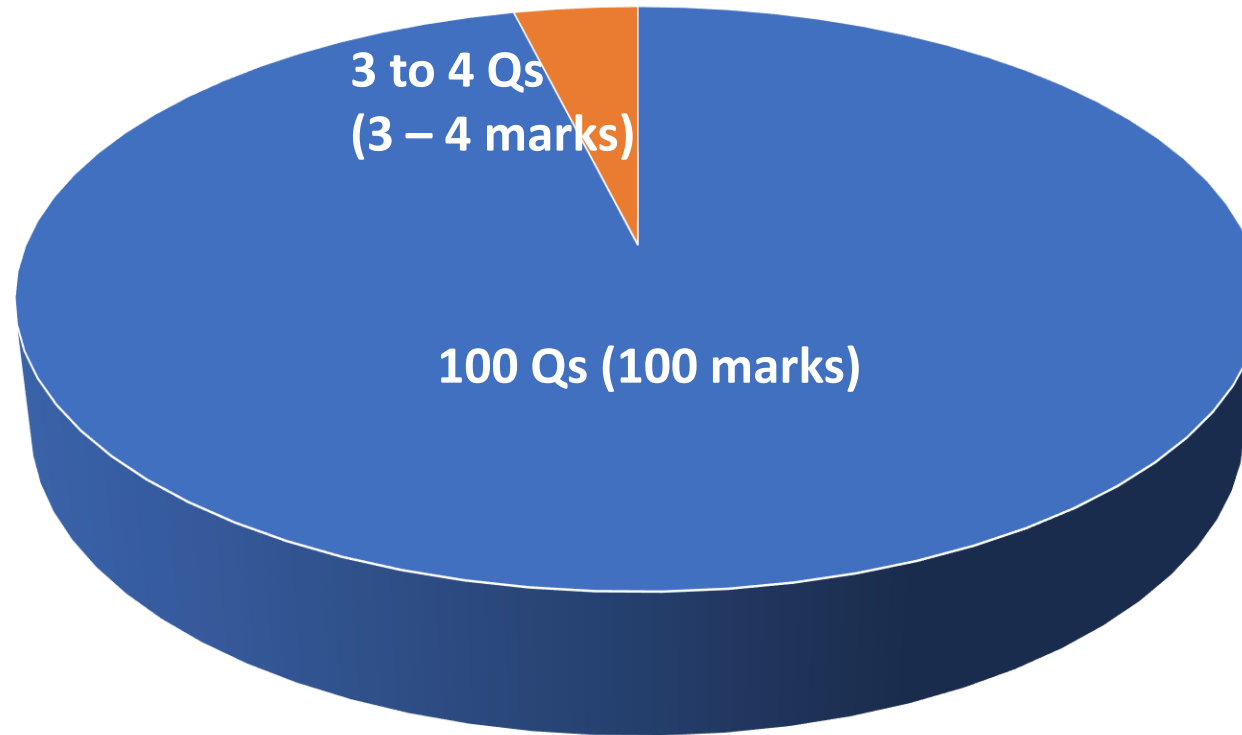
# SPEED, DISTANCE & TIME

## CDS Maths Paper Previous Years Q&A Analysis



# SPEED, DISTANCE AND TIME

## Expected No. of Questions & Marks Division



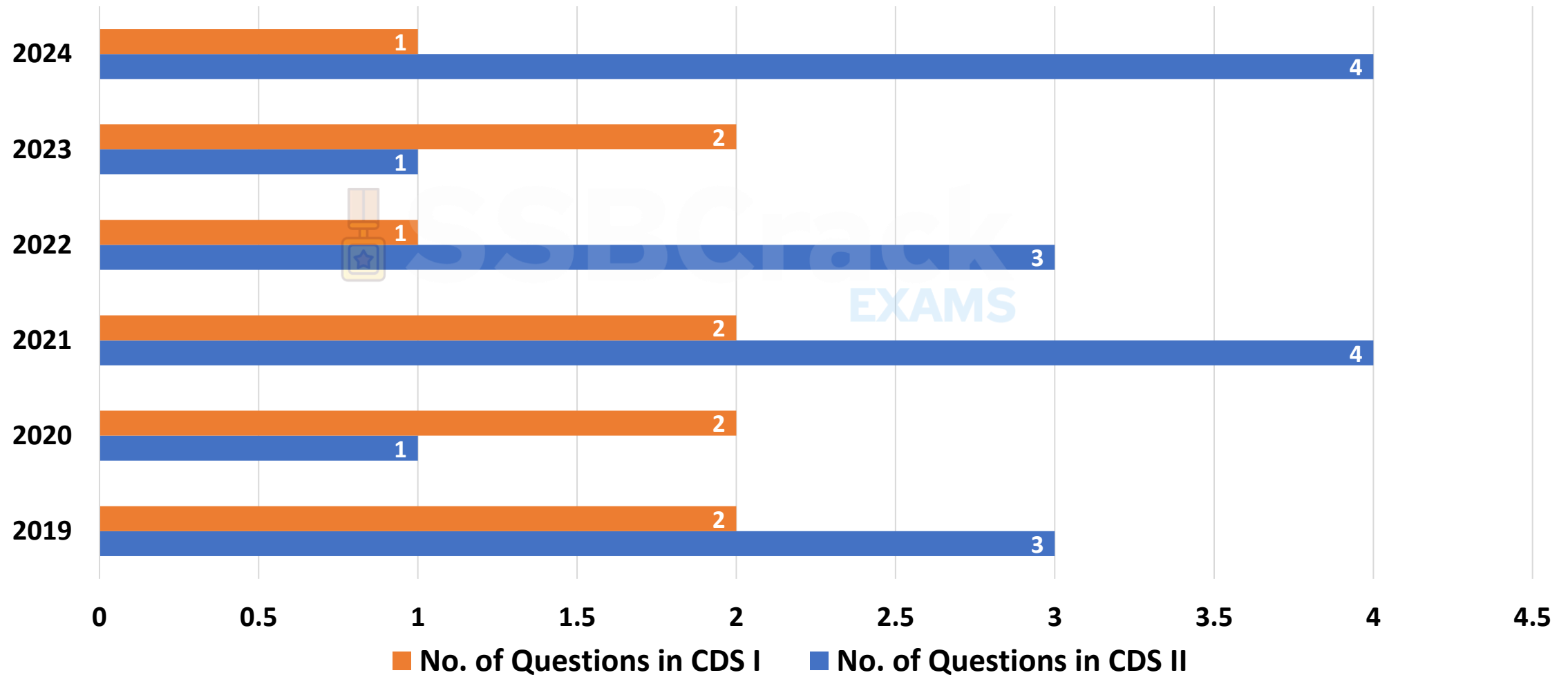
■ Total no. of Questions & Marks ■ No. of SDT Questions & Marks (Approx.)

# Topics With Two Or Three Questions

- Time and Work
- SI and CI
- Profit and Loss
- Ratio and Proportion

# TIME & WORK

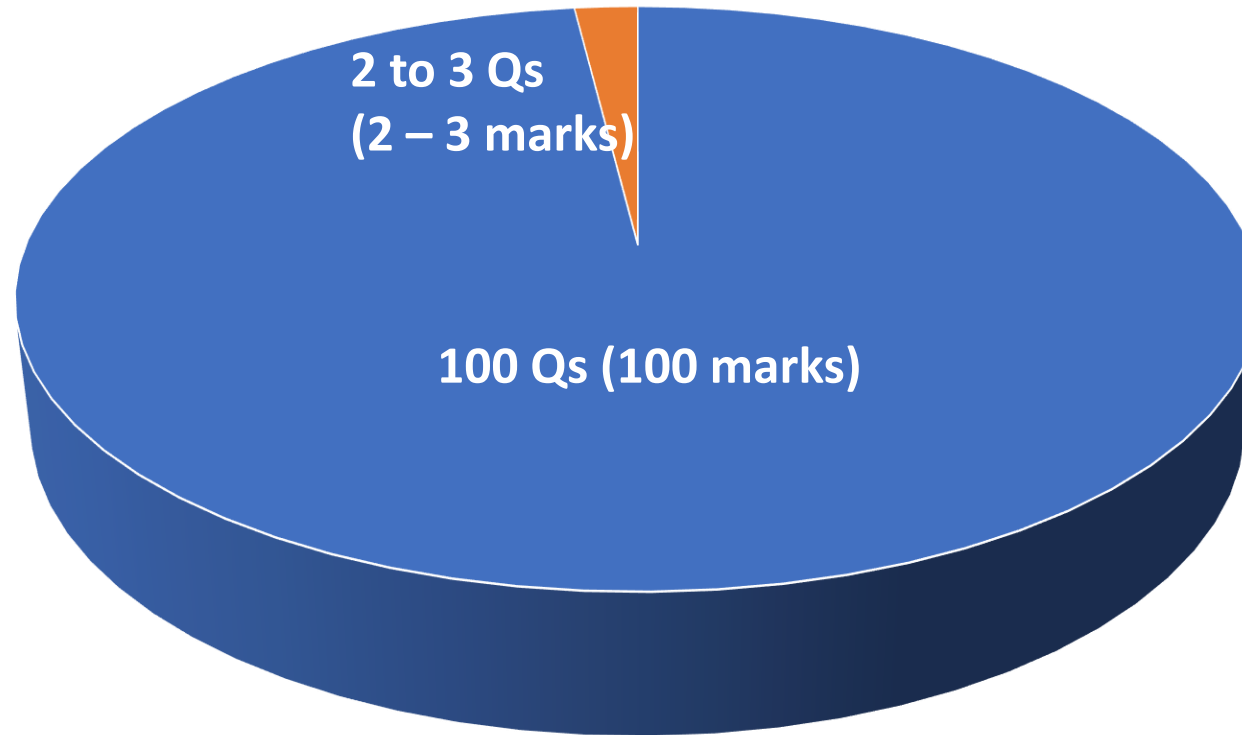
## CDS Maths Paper Previous Years Q&A Analysis





# TIME AND WORK

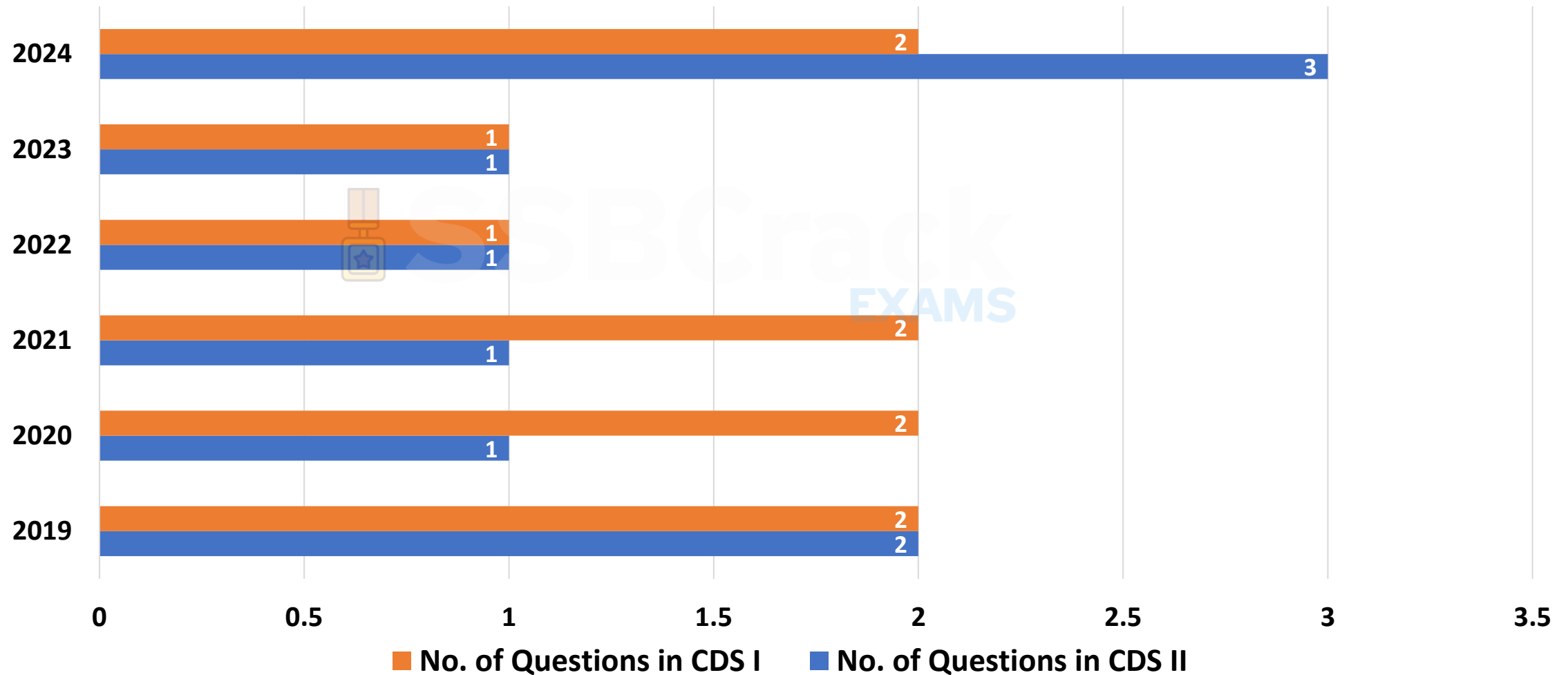
## Expected No. of Questions & Marks Division



■ Total no. of Questions & Marks ■ No. of SDT Questions & Marks (Approx.)

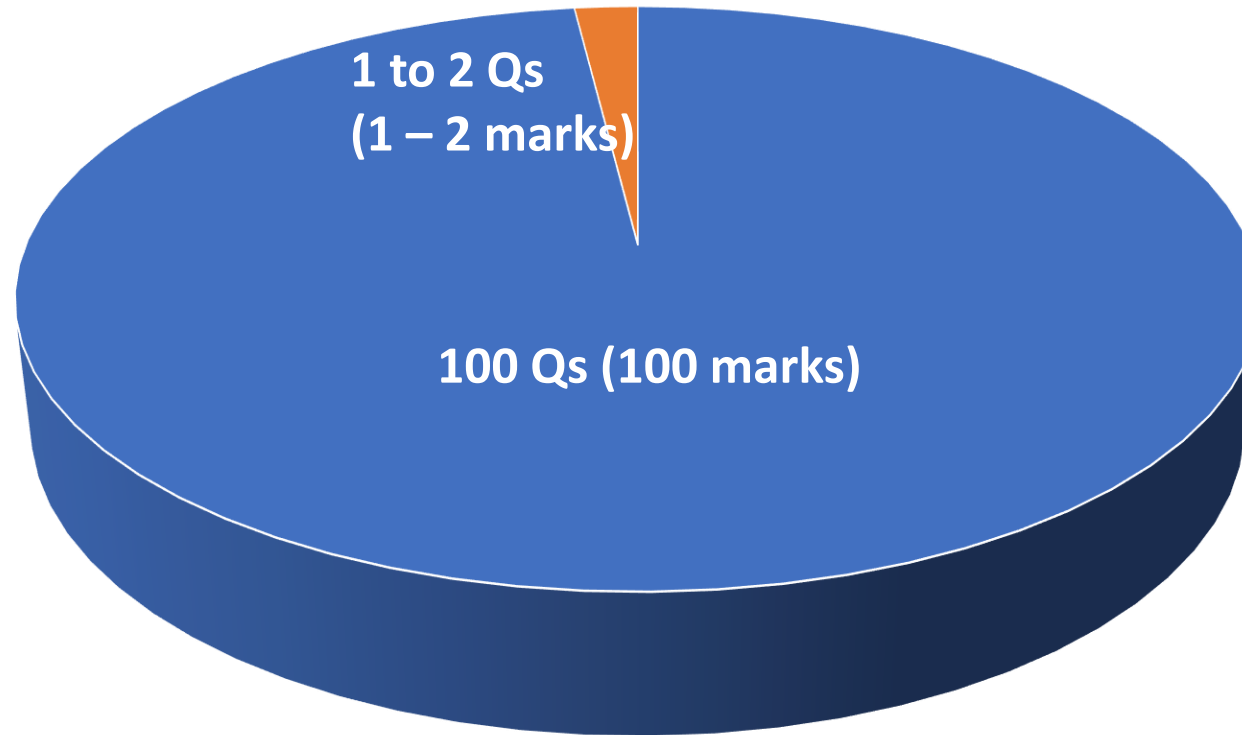
# SIMPLE & COMPOUND INTEREST

## CDS Maths Paper Previous Years Q&A Analysis



# SI AND CI

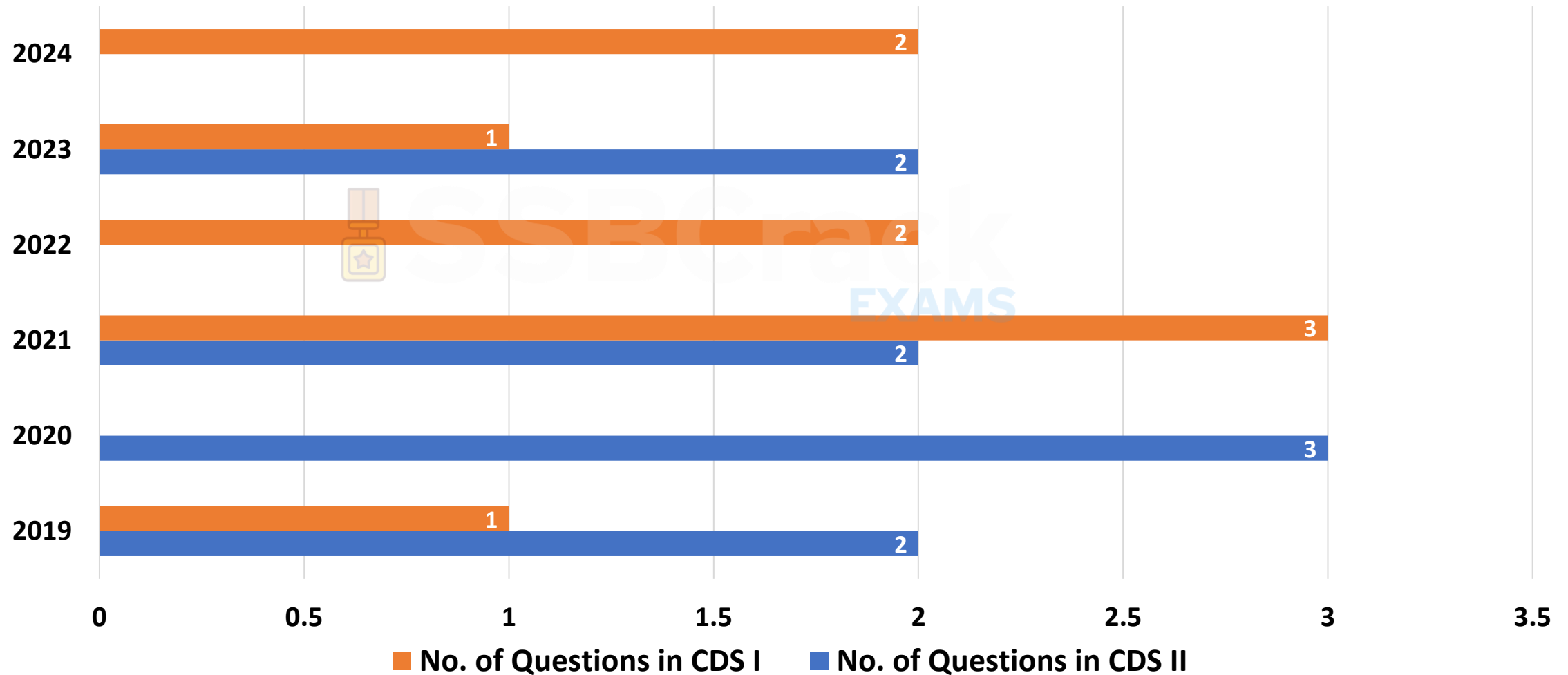
## Expected No. of Questions & Marks Division



■ Total no. of Questions & Marks ■ No. of SDT Questions & Marks (Approx.)

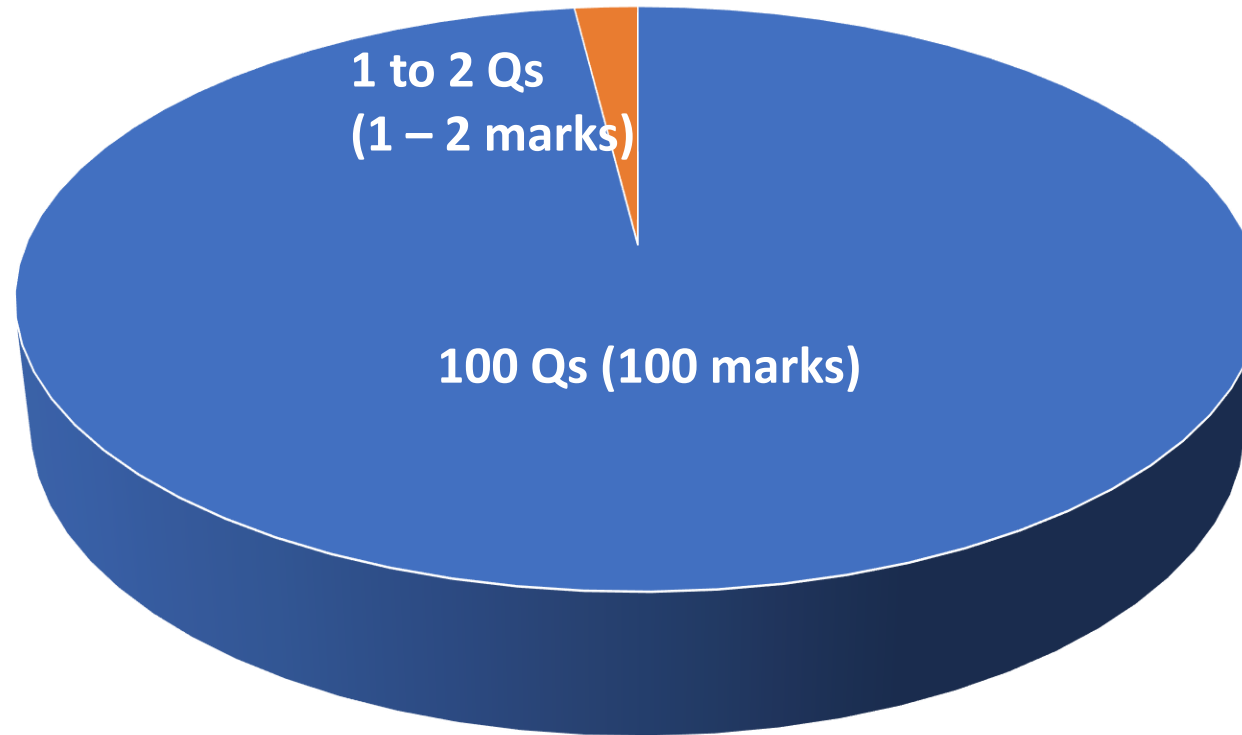
# PROFIT & LOSS

## CDS Maths Paper Previous Years Q&A Analysis



# PROFIT AND LOSS

## Expected No. of Questions & Marks Division



■ Total no. of Questions & Marks ■ No. of SDT Questions & Marks (Approx.)

# Topics With One Or None Questions

- Average
- Logarithms
- Set Theory
- Percentage

# Overall Weightage of Topics For CDS 1 2025 Maths

Topics	Expected Qs
Algebra	18 - 22 ✓
Geometry	14 - 18 ✓
Number Systems	15 - 19 ✓
Trigonometry	10 - 14 ✓
Mensuration 2D	9 - 11 ✓
Mensuration 3D	5 - 8 —
Statistics	5 - 8 —
Speed, Distance & Time	3 - 4 —
Ratio & Proportion	2 - 3 —
Time & Work	2 - 3 —
Simple & Compound Interest	1 - 2 —
Profit & Loss	1 - 2 →

2:30 - 3:30 PM

(Mon - Fri)

Doubts :

→ navjyoti@ssbcrackexams.com

→ Discussion - box (more - active)



# CDS 1 2025 – MATHS LIVE CLASSES

TOPIC	NO. OF CLASSES
Percentage	2 ✓
Profit and Loss	3 ✓
SI and CI	3 ✓
Time and Work	3
Average	2
Ratio and Proportion	3
Probability	2
Number System	5
Mensuration 2D	4
Mensuration 3D	4
Trigonometry	5

TOPIC	NO. OF CLASSES
Algebra	6
Geometry	6
Statistics	2
Logarithms	1
Set Theory	1

# Tips to Remember

- Always remember that basic concepts is the key and if your basics are strong, you can always solve all the questions. So, use the time in your hand and cover the basics of each and every topic thoroughly.
- Try to solve different types of questions with the basic concepts only.
- After then move on to the short cut tricks and techniques and the important short cut formulas as now you will be able to apply them more accurately and with full understanding.

# Tips to Remember

- Practice more and more number of questions and give quick revisions to the concepts on timely basis.
- Attempt good number of Mocks to have a real time experience of the paper.
- Last and the most important thing is having faith in yourself, be confident as you know that you have studied everything and will surely crack this one with 100% accuracy.

Revision

# CDS-AFCAT 1 2025

SSBCrack  
EXAMS

LIVE

# MATHS

# PERCENTAGE

CLASS 1



NAVJYOTI SIR