

AFCAT 2 2024

LIVE ●

NUMERICAL ABILITY

STUDY PLANS

ANALYSIS

SSBCrack
EXAMS

NAVJYOTI SIR



13 May 2024 Live Classes Schedule

8:00AM --- 13 MAY 2024 DAILY CURRENT AFFAIRS --- RUBY MA'AM

9:00AM --- 13 MAY 2024 DAILY DEFENCE UPDATES --- DIVYANSHU SIR

SSB INTERVIEW LIVE CLASSES

9:00AM --- OVERVIEW OF SRT & SDT --- ANURADHA MA'AM

AFCAT 2 2024 LIVE CLASSES

10:00AM --- REASONING - STUDY PLAN & ANALYSIS --- RUBY MA'AM

11:30AM --- MATHS - STUDY PLAN & ANALYSIS --- NAVJYOTI SIR

1:00PM --- ENGLISH - STUDY PLAN & ANALYSIS --- ANURADHA MA'AM

2:30PM --- STATIC GK - STUDY PLAN & ANALYSIS --- DIVYANSHU SIR

NDA 2 2024 LIVE CLASSES

10:00PM --- MATHS - STUDY PLAN & ANALYSIS --- NAVJYOTI SIR

11:30PM --- GK - STUDY PLAN & ANALYSIS --- RUBY MA'AM

2:00PM --- ENGLISH - STUDY PLAN & ANALYSIS --- ANURADHA MA'AM

CDS 2 2024 LIVE CLASSES

3:30PM --- GK - STUDY PLAN & ANALYSIS --- RUBY MA'AM

5:00PM --- ENGLISH - STUDY PLAN & ANALYSIS --- ANURADHA MA'AM

6:30PM --- MATHS - STUDY PLAN & ANALYSIS --- NAVJYOTI SIR



All About AFCAT 2 2024 Exam

Indian Air Force will release the AFCAT 2 2024 Notification in the month of June 2024 for the course commencing in July 2025.

The **Air Force Common Admission Test** is the entrance exam conducted by the Indian Air Force for the enrollment of Class-1 Gazetted Officers in Flying and Ground Duty (technical and non-technical) branches.

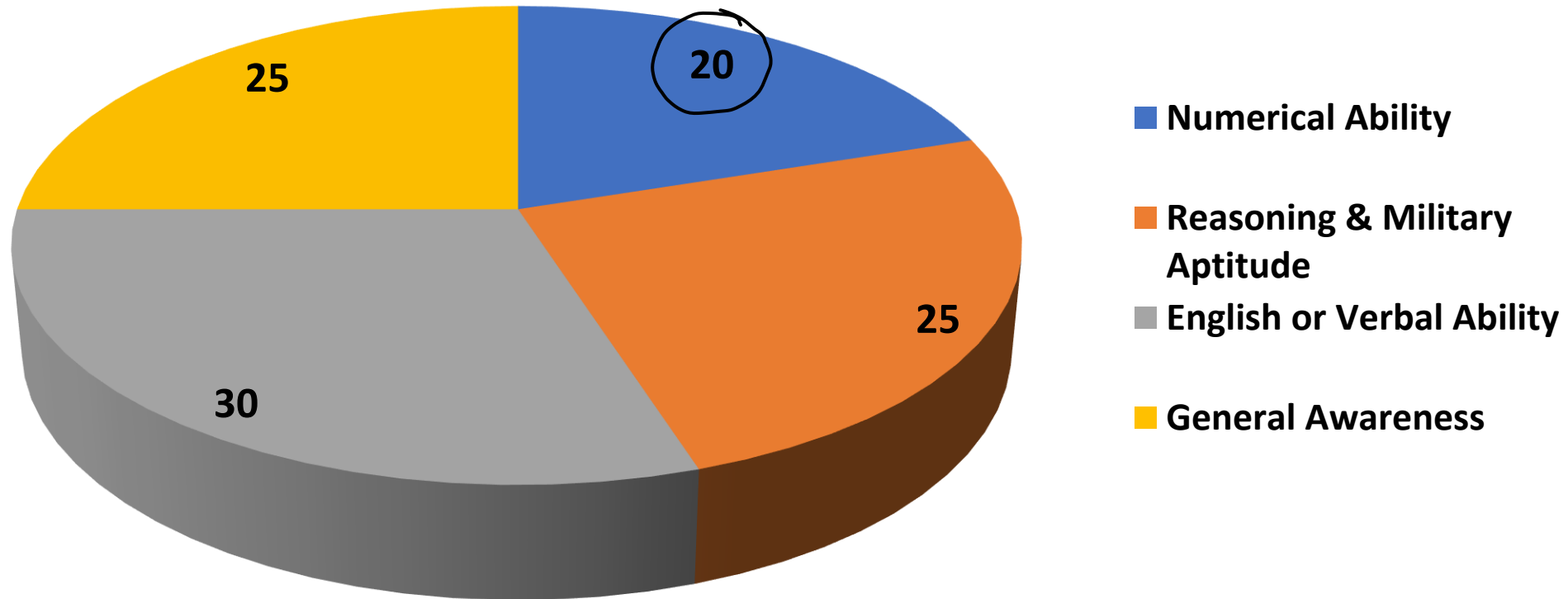


All About AFCAT 2 2024 Exam

It is an online exam conducted twice a year for both male and female candidates to join IAF as Group 'A' Gazetted Officers in the Flying, Weapons System and Ground Duty (Technical and Non-Technical) branches.



AFCAT 2 2024 Paper - Sections



AFCAT Previous Years' Cut off Marks

AFCAT PAPERS	AFCAT CUT OFF	EKT CUT OFF
AFCAT 1 2023	155	-
AFCAT 2 2022	157	15
AFCAT 1 2022	157	18
AFCAT 2 2021	157	18
AFCAT 1 2021	165	30
AFCAT 1 2020	153	40
AFCAT 2 2019	142	50
AFCAT 1 2019	133	50
AFCAT 2 2018	140	55
AFCAT 1 2018	155	60

AFCAT 2 2024 Expected Cut off Marks

150 - 160



AFCAT 1 2024 Marking Scheme

- **3 marks** is awarded for each correct answer. ✓
- **1 mark** is deducted for each incorrect answer. ✓
- No marks for unattempted questions.

100 questions
↳ 300 marks
160
50-55
questions



Marking System in AFCAT Numerical Ability Section

Total no. of Questions = **20**

Total no. of Marks = **60 marks**

1 Question = **3 Mark**

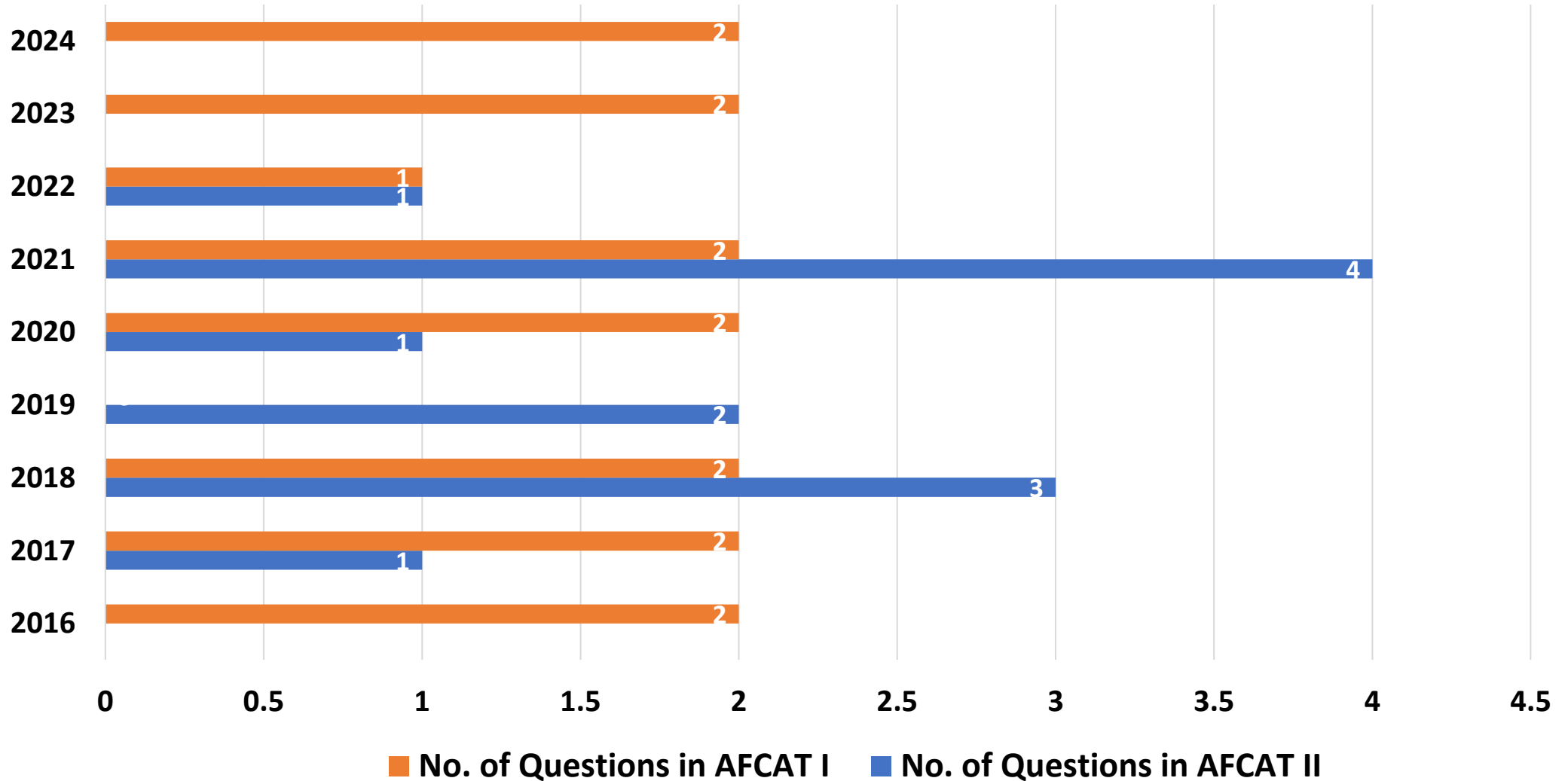
Negative marking = **1 marks for every incorrect answer**

Components of AFCAT Numerical Ability Syllabus

- Percentage ✓
- Profit & Loss ✓
- Time & Work ✓
- Simple & Compound Interest ✓
- Speed, Distance & Time ✓
- Boat & Stream ✓
- Ratio & Proportion ✓
- Mixture Allegation ✓
- Average ✓
- Number system ✓
- Decimal and Fraction ✓
- Area and Perimeter ✓
- Probability ✓
- Clock ✓

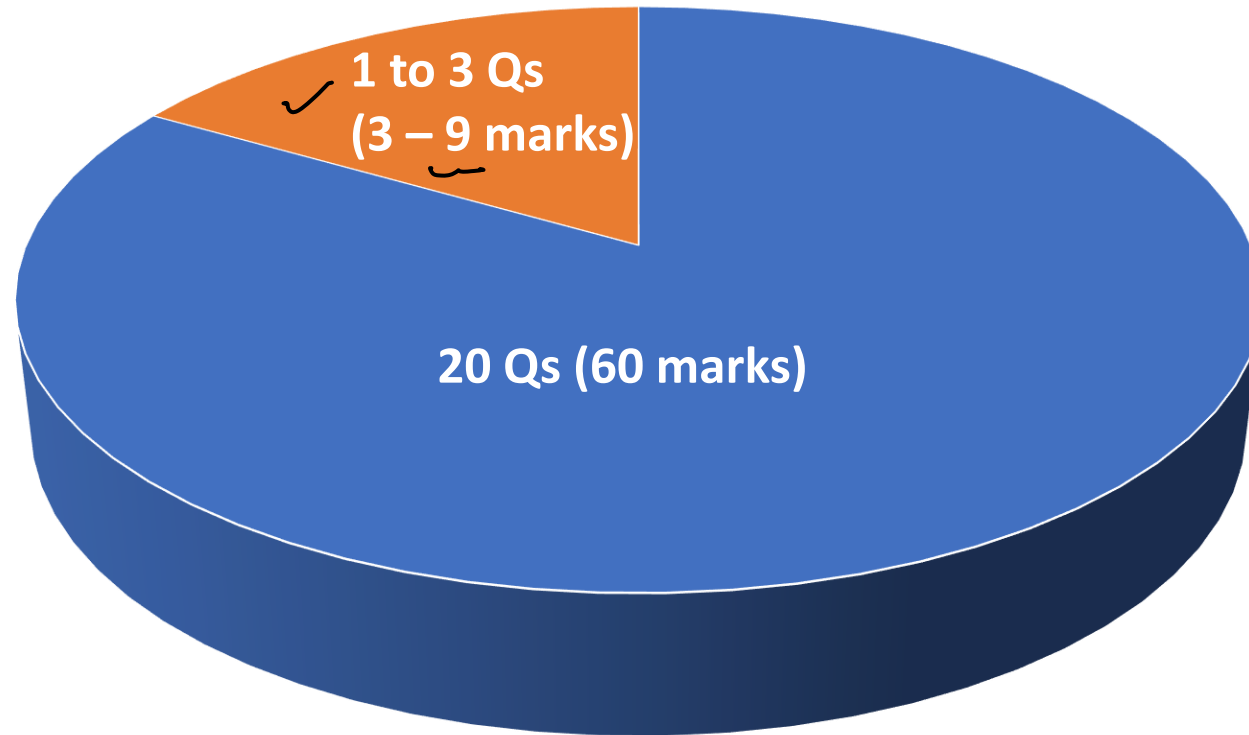
PERCENTAGE

AFCAT Previous Years Q&A Analysis



PERCENTAGE

Expected No. of Questions & Marks Division



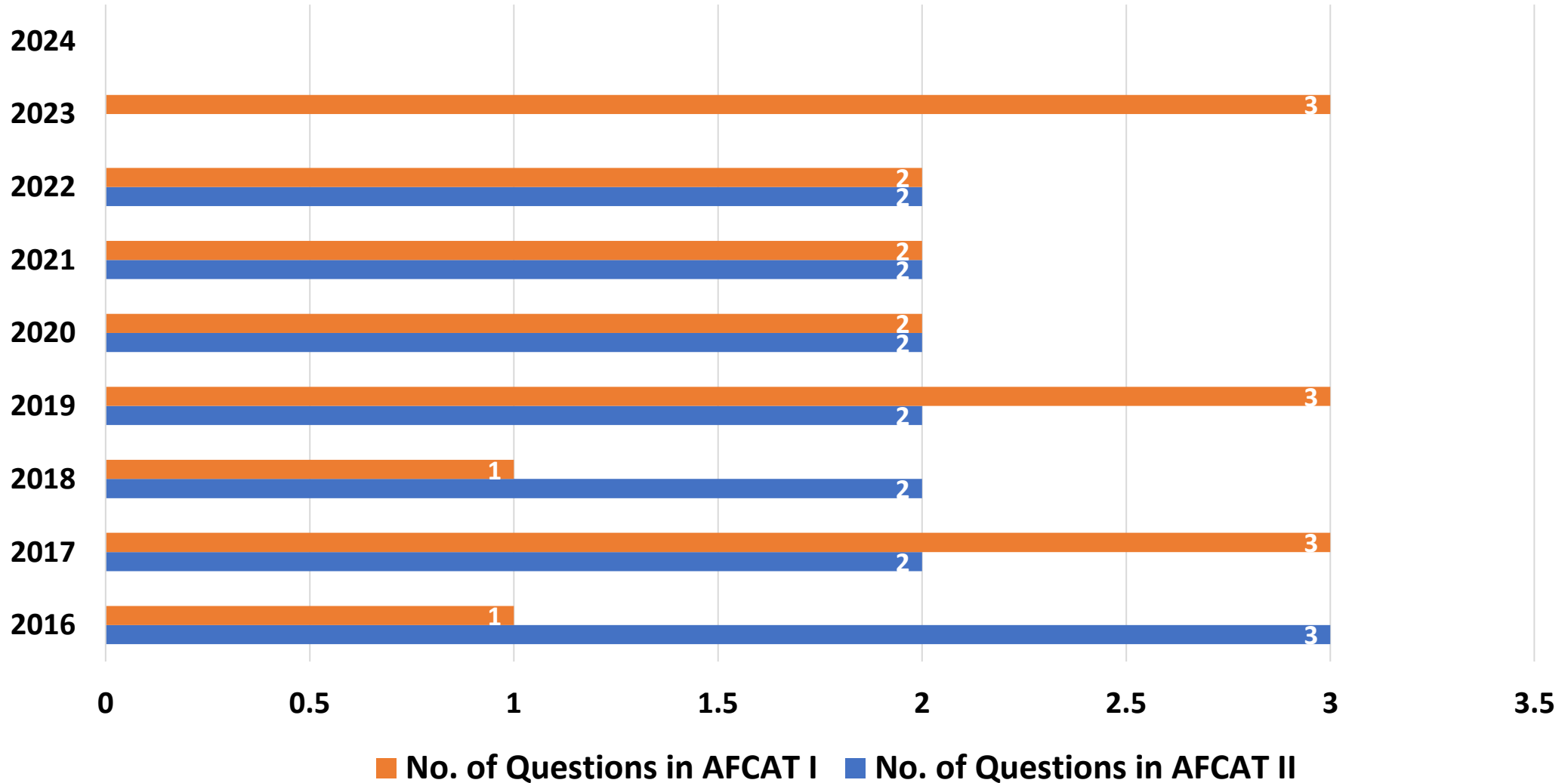
- Total no. of Questions & Marks
- No. of Percentage Questions & Marks (Approx.)

Topic Importance: Percentage

- Learn some basic conversions.
- Use unitary method to make it easy.
- Make flow chart in questions for transactions.
- Repeated concept and type of question comes.
- PYQs will help you a lot.

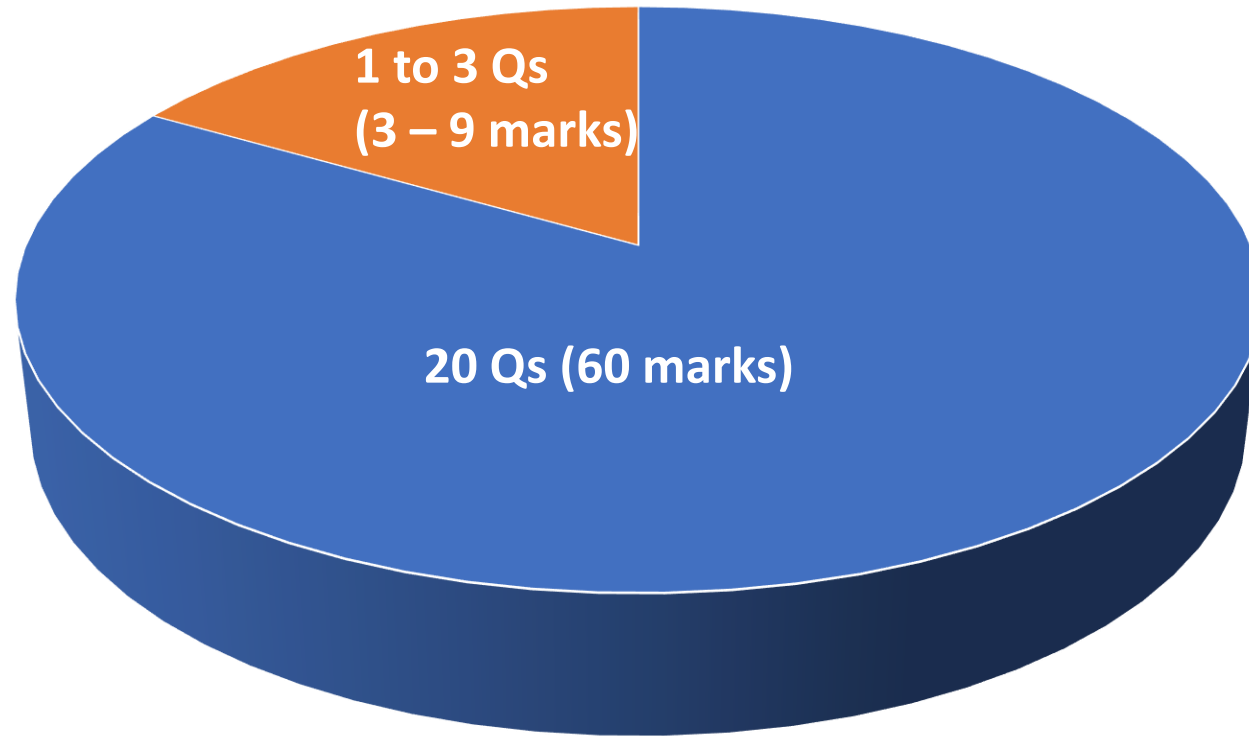
PROFIT & LOSS

AFCAT Previous Years Q&A Analysis



PROFIT & LOSS

Expected No. of Questions & Marks Division



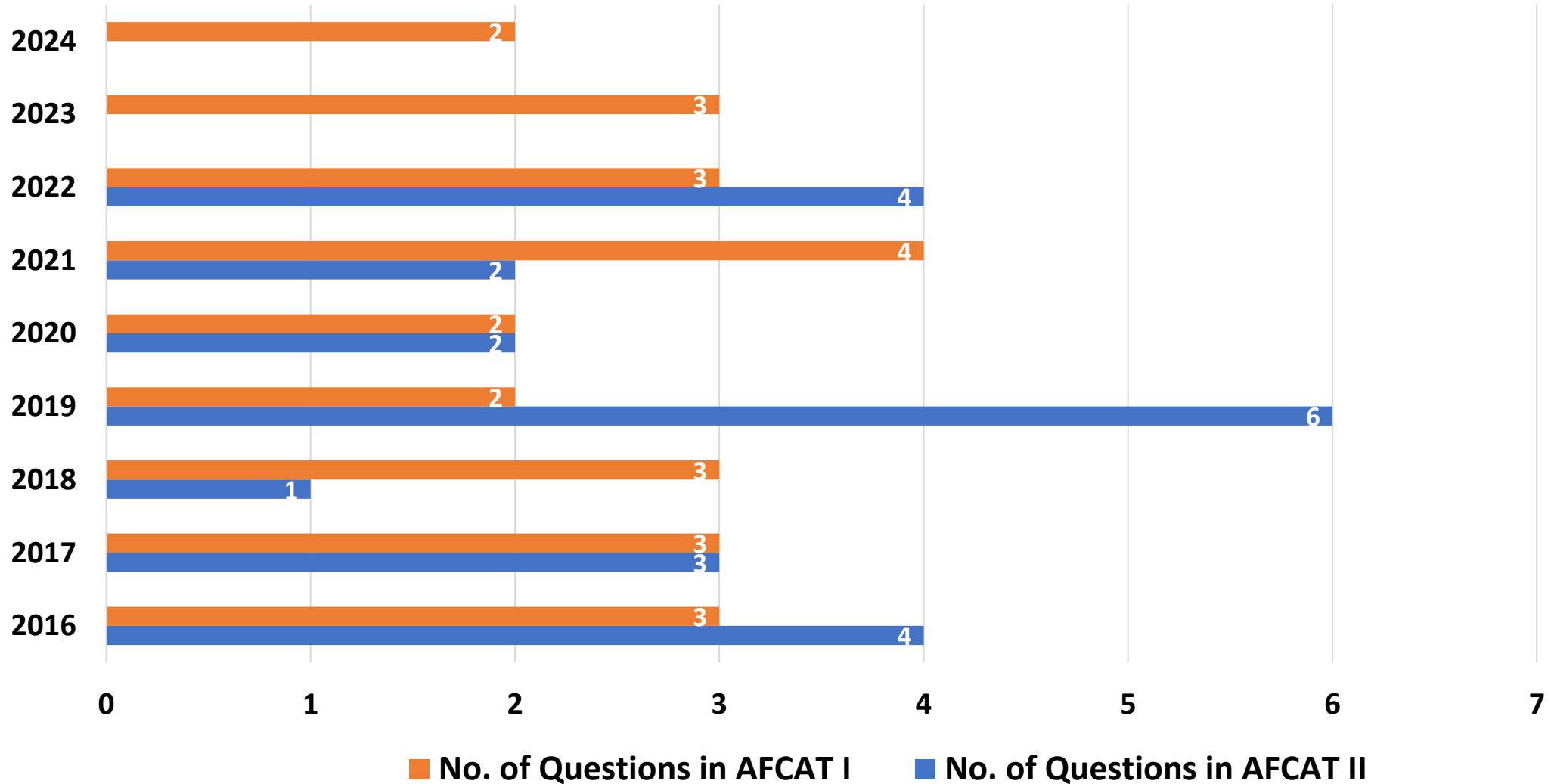
- Total no. of Questions & Marks
- No. of Profit & Loss Questions & Marks (Approx.)

Topic Importance: Profit Loss

- Make command over percentage concept. This will make whole arithmetic very easy.
- Discount and marked price question comes a lot.
- Make flow chart in questions for transactions.
- Repeated concept and type of question comes.
- PYQs will help you a lot.

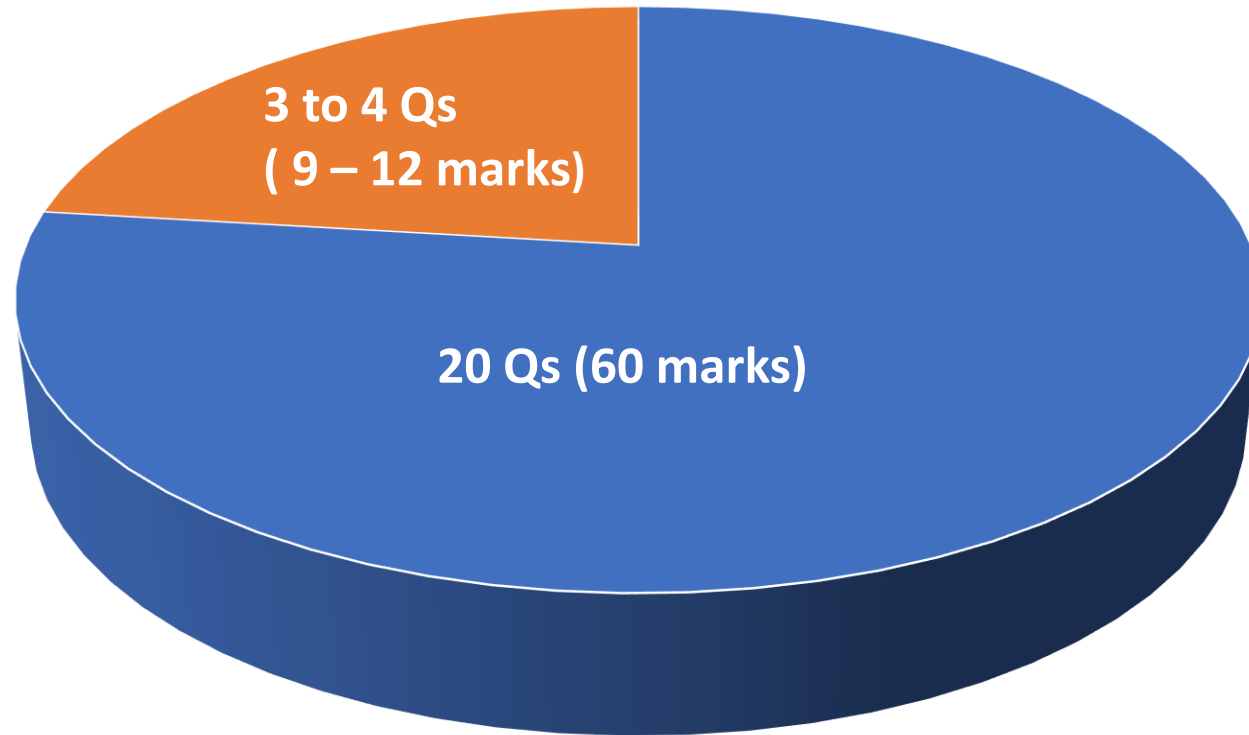
SPEED, DISTANCE & TIME

AFCAT Previous Years Q&A Analysis



SPEED, DISTANCE & TIME

Expected No. of Questions & Marks Division



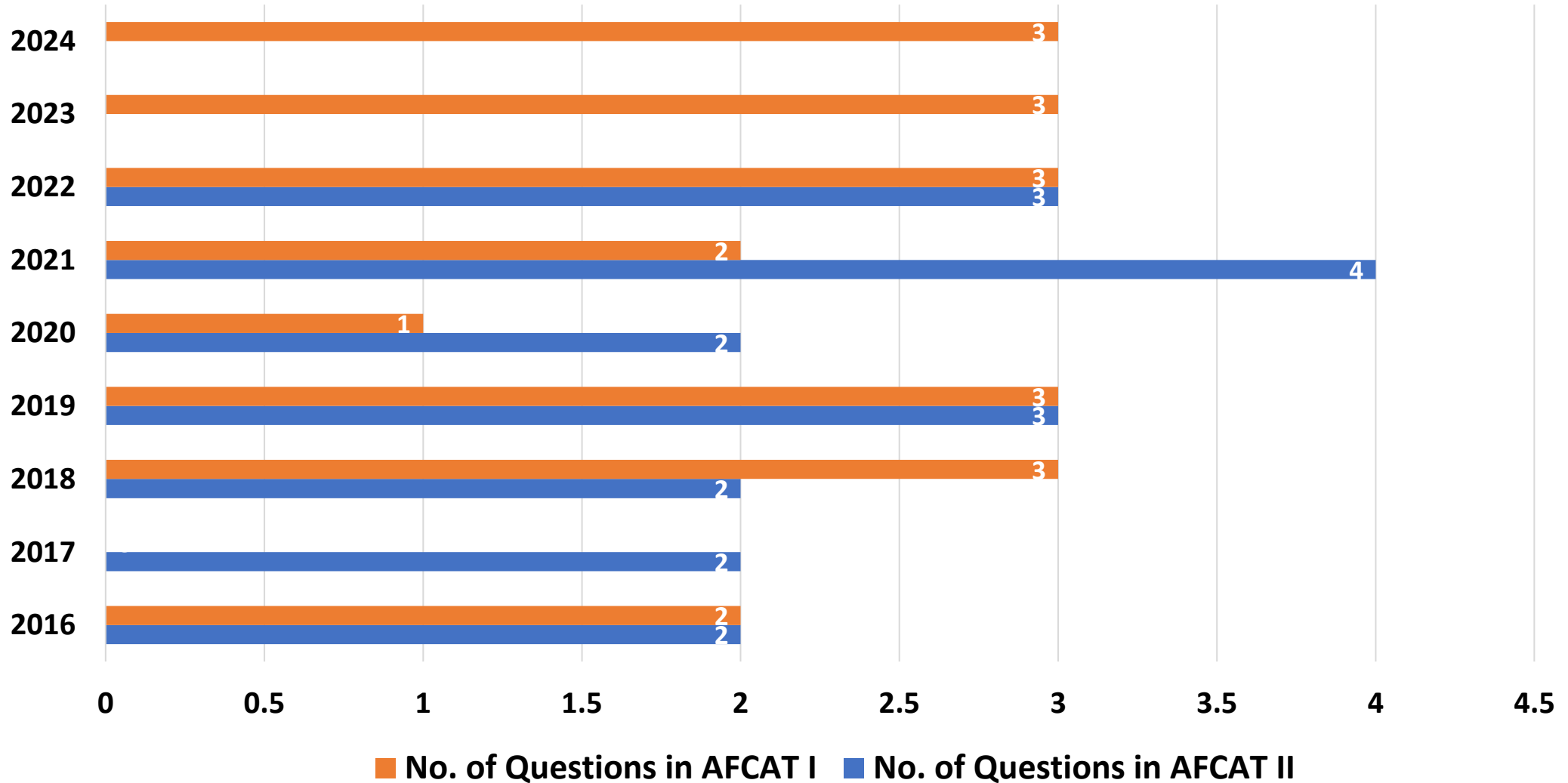
- Total no. of Questions & Marks
- No. of Speed, Distance & Time Questions & Marks (Approx.)

Topic Importance: Speed, Distance, Time

- Bit wide topic but very important to cover.
- Remember types of question.
- Important to use ratio concept.
- Boat stream, train, race all are important.
✓
- Repeated concept and type of question comes.
- PYQs will help you a lot.

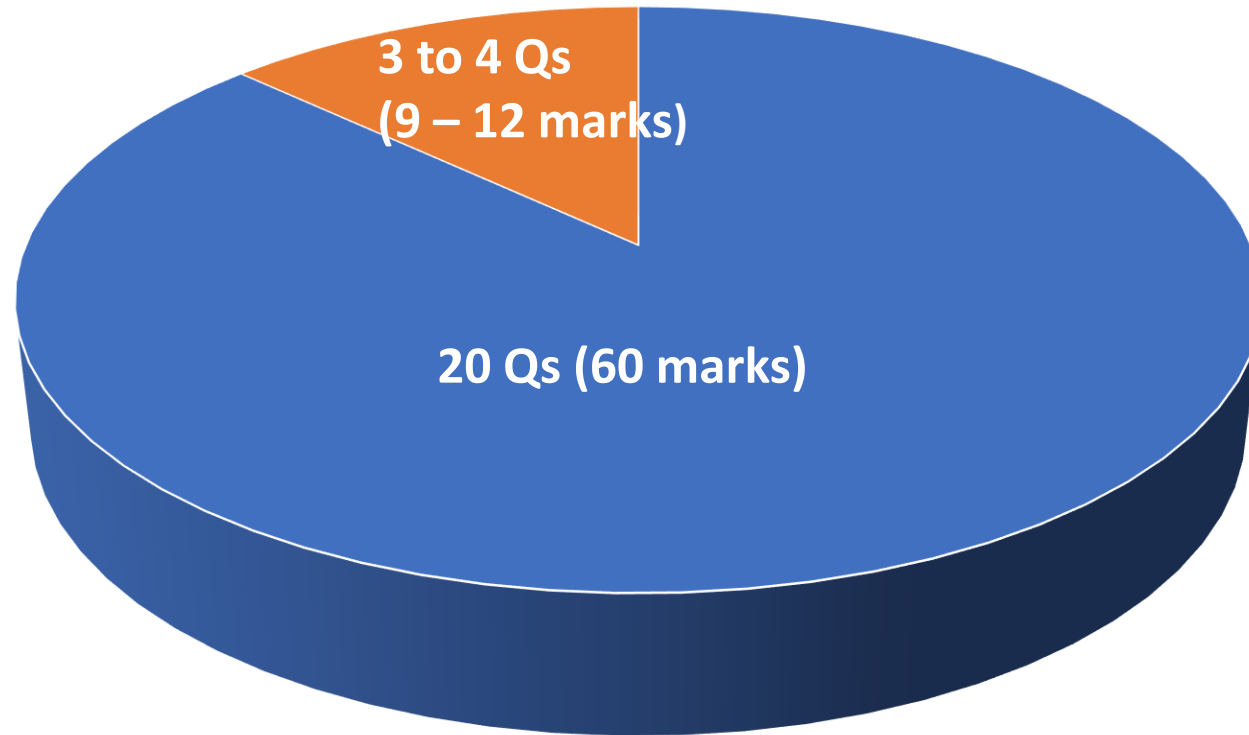
TIME & WORK

AFCAT Previous Years Q&A Analysis



TIME & WORK

Expected No. of Questions & Marks Division



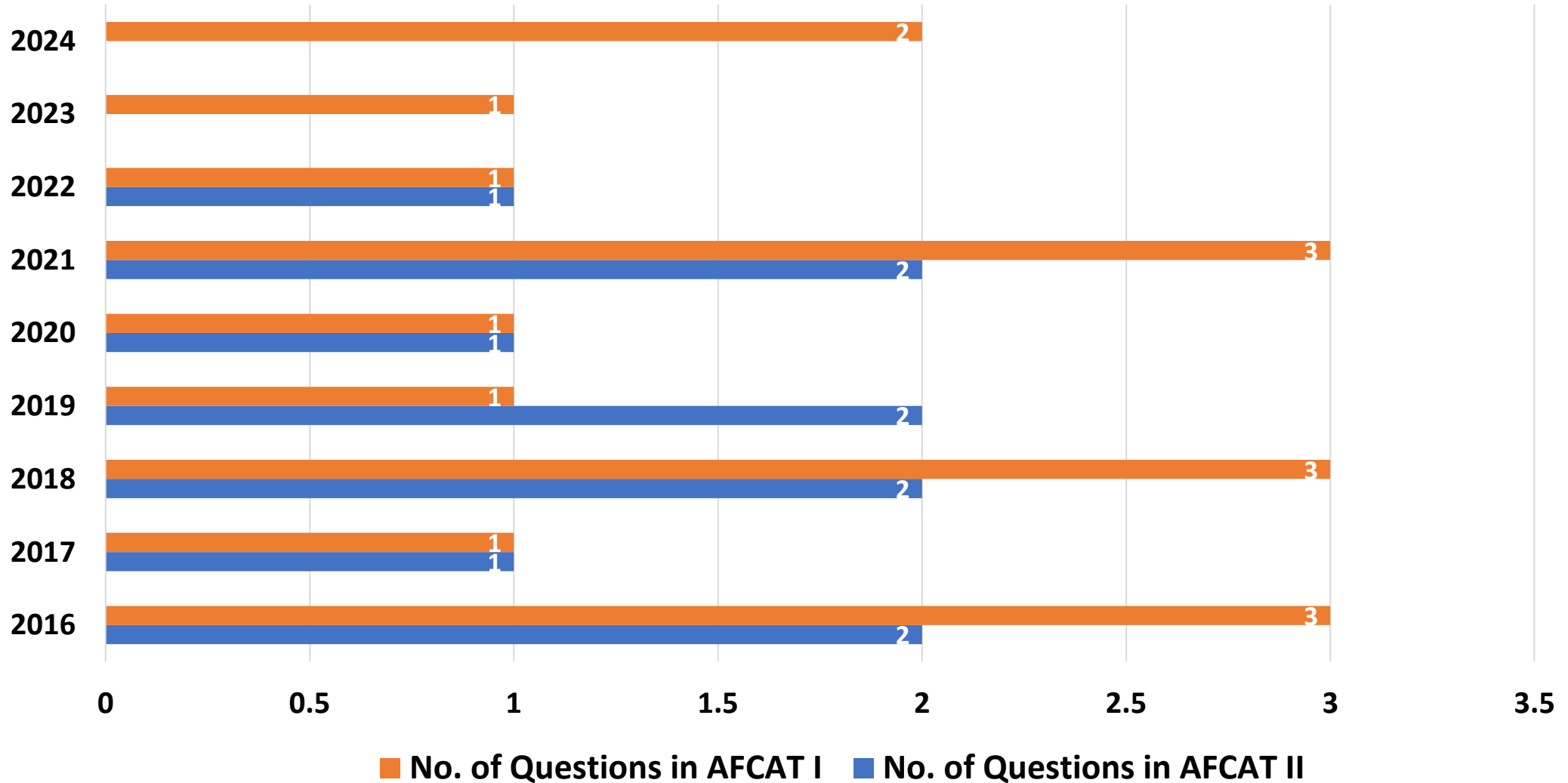
- Total no. of Questions & Marks
- No. of Time & Work Questions & Marks (Approx.)

Topic Importance: Time Work

- Make command over concept of efficiency. *work done by one person in one day*
- One formula $\text{Work} = \text{Efficiency} \times \text{Time}$ is enough.
- Relate to questions in practical way. This will make things very easy.
- Pipes cistern questions you must not forgot.
- Repeated concept and type of question comes.
- PYQs will help you a lot.

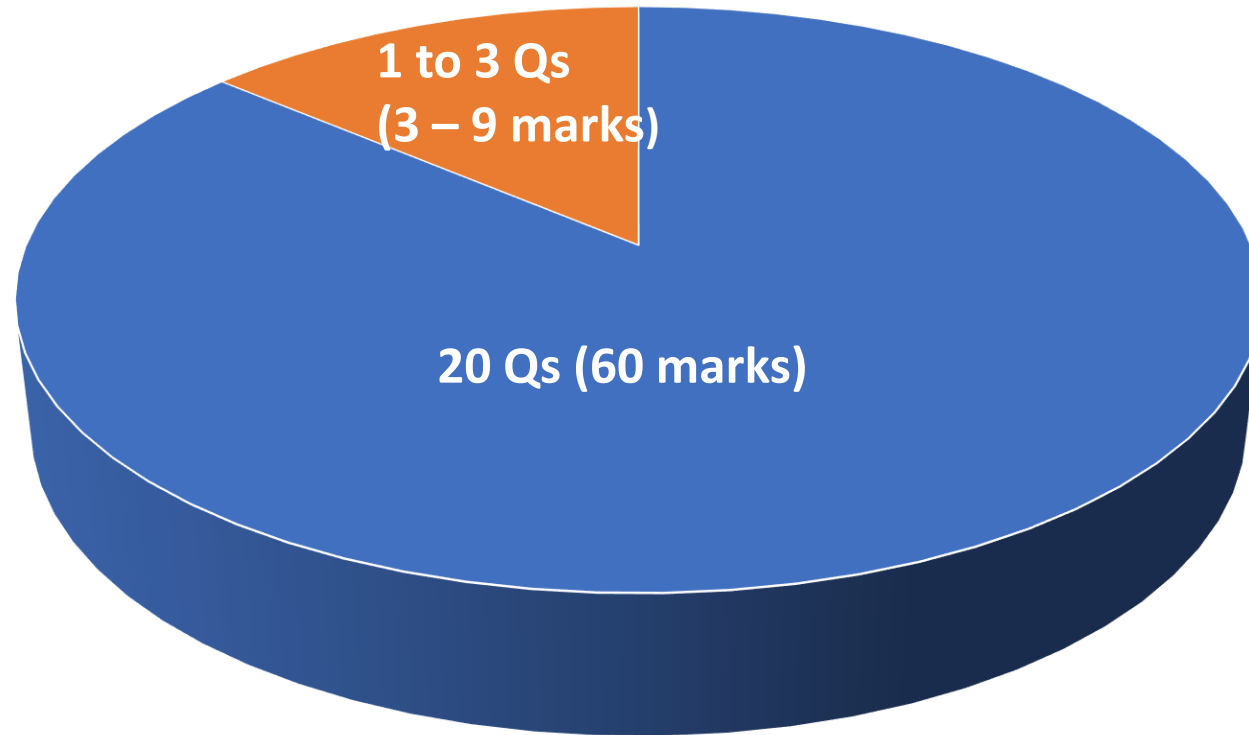
SIMPLE & COMPOUND INTEREST

AFCAT Previous Years Q&A Analysis



SIMPLE & COMPOUND INTEREST

Expected No. of Questions & Marks Division



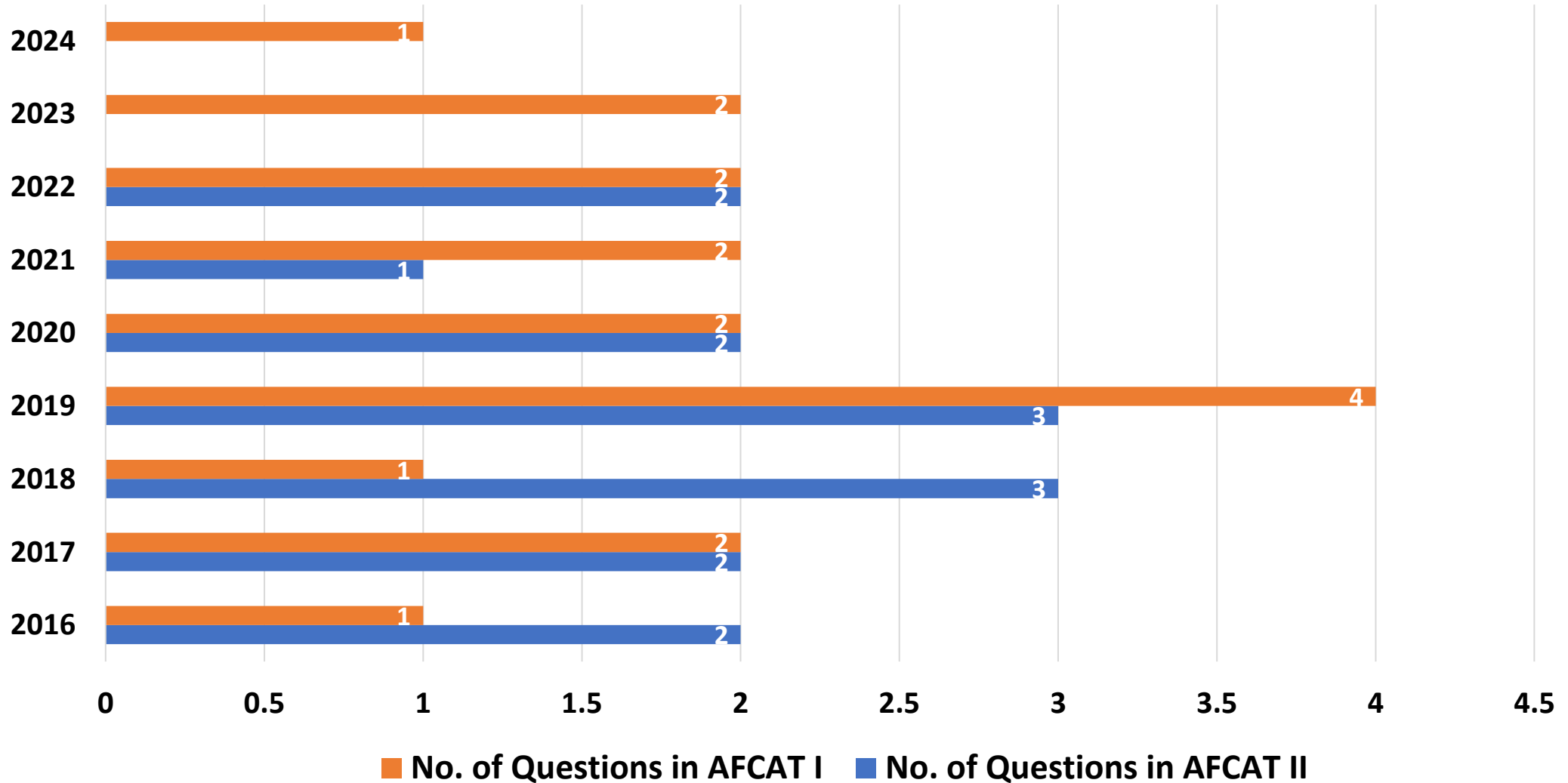
- Total no. of Questions & Marks
- No. of Simple & Compound Interest Questions & Marks (Approx.)

Topic Importance: SI CI

- Concept is most similar to Profit loss.
- Make command over percentage and things will be easy.
- Yes calculation is there but try to do them.
- Things will be easy if you relate practically.
- Repeated concept and type of question comes.
- PYQs will help you a lot.

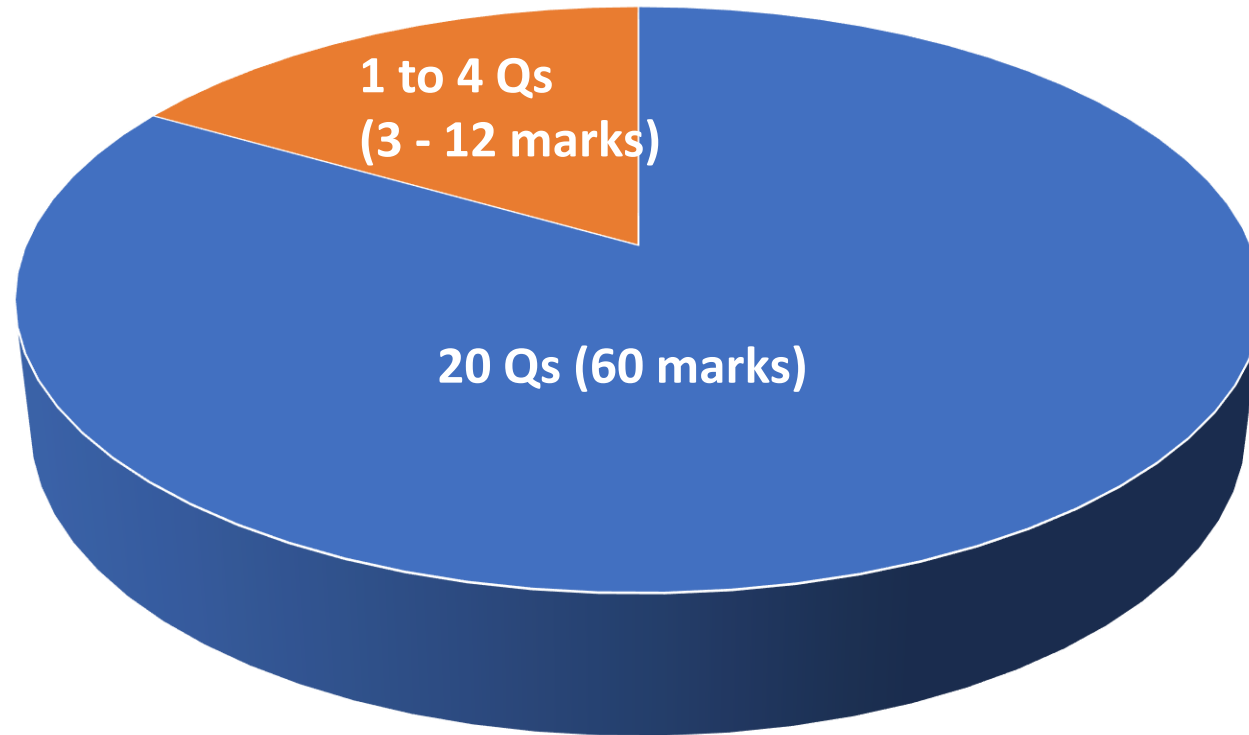
AVERAGE

AFCAT Previous Years Q&A Analysis



AVERAGE

Expected No. of Questions & Marks Division



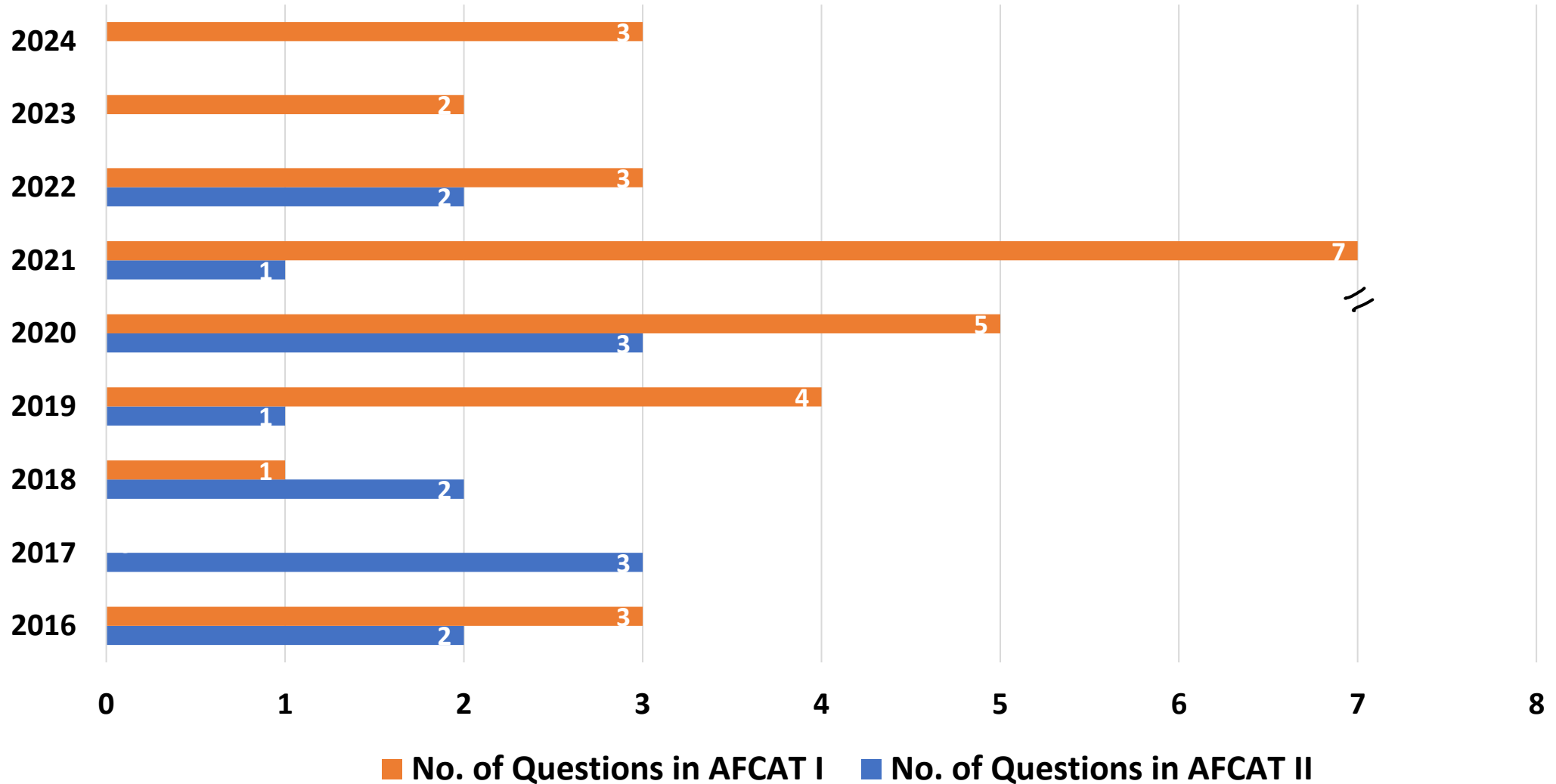
- Total no. of Questions & Marks
- No. of Average Questions & Marks (Approx.)

Topic Importance: Average

- There is one basic formula that is **Average = $\frac{\text{Sum of Numbers}}{\text{Total Numbers}}$** and mostly all the questions can be solved by applying this formula.
- Concept of Alligation is useful in this.

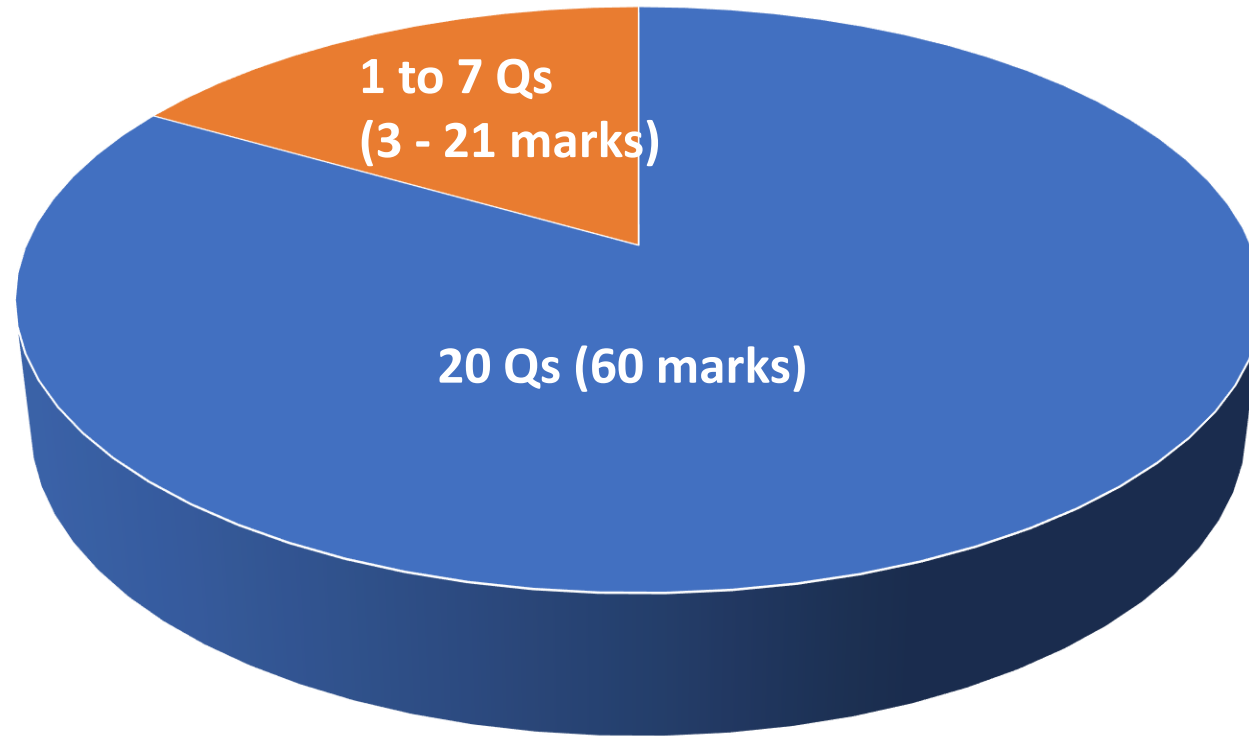
RATIO & PROPORTION

AFCAT Previous Years Q&A Analysis



RATIO & PROPORTION


Expected No. of Questions & Marks Division



■ Total no. of Questions & Marks

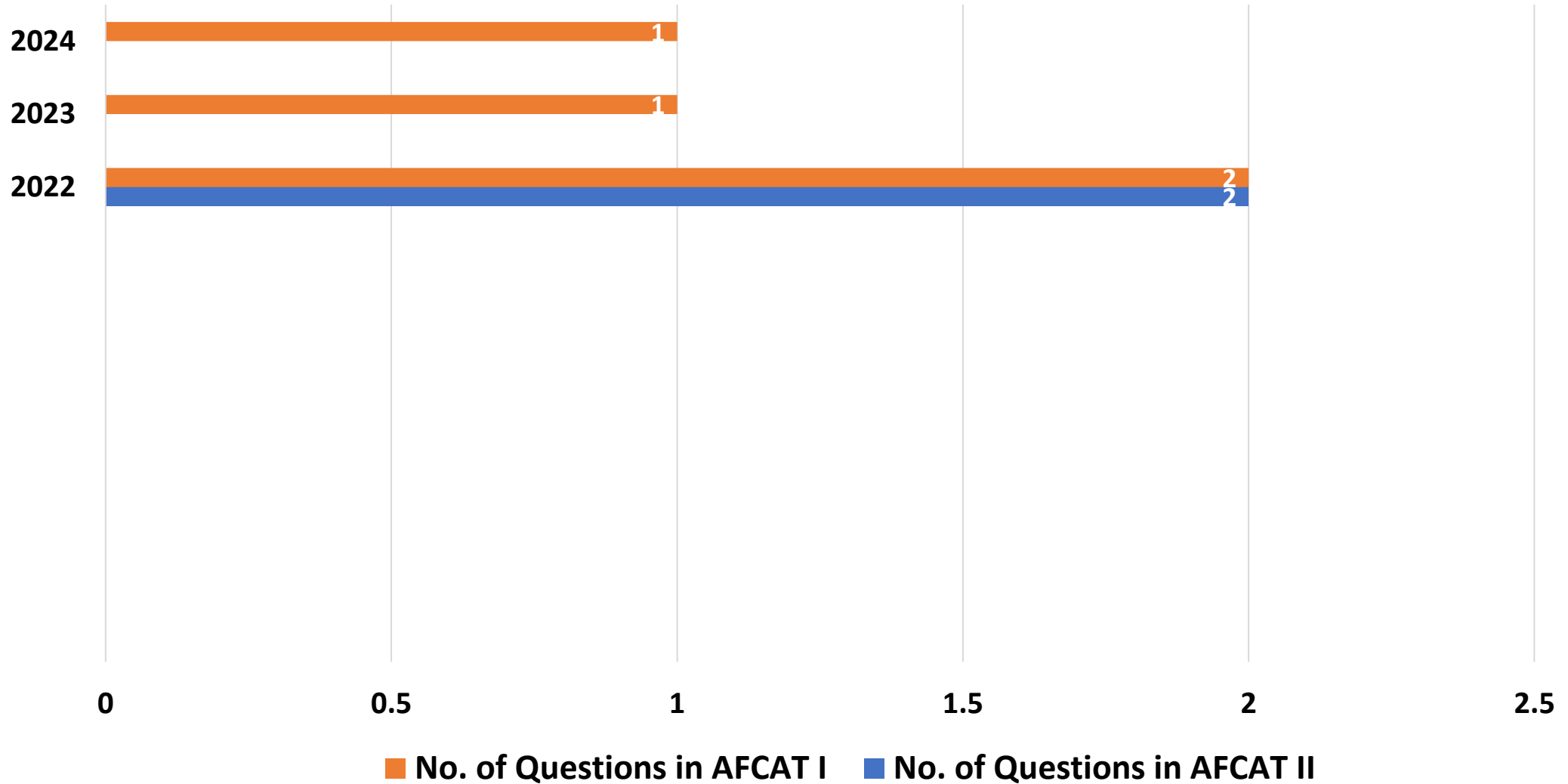
■ No. of Ratio & Proportion Questions & Marks (Approx.)

Topic Importance: Ratio Proportion

- Make command over percentage concept. This will make whole arithmetic very easy.
- Must learn Basic questions and formulae in this.
- Mixture & allegations is also important in this.

- Repeated concept and type of question comes.
- PYQs will help you a lot.

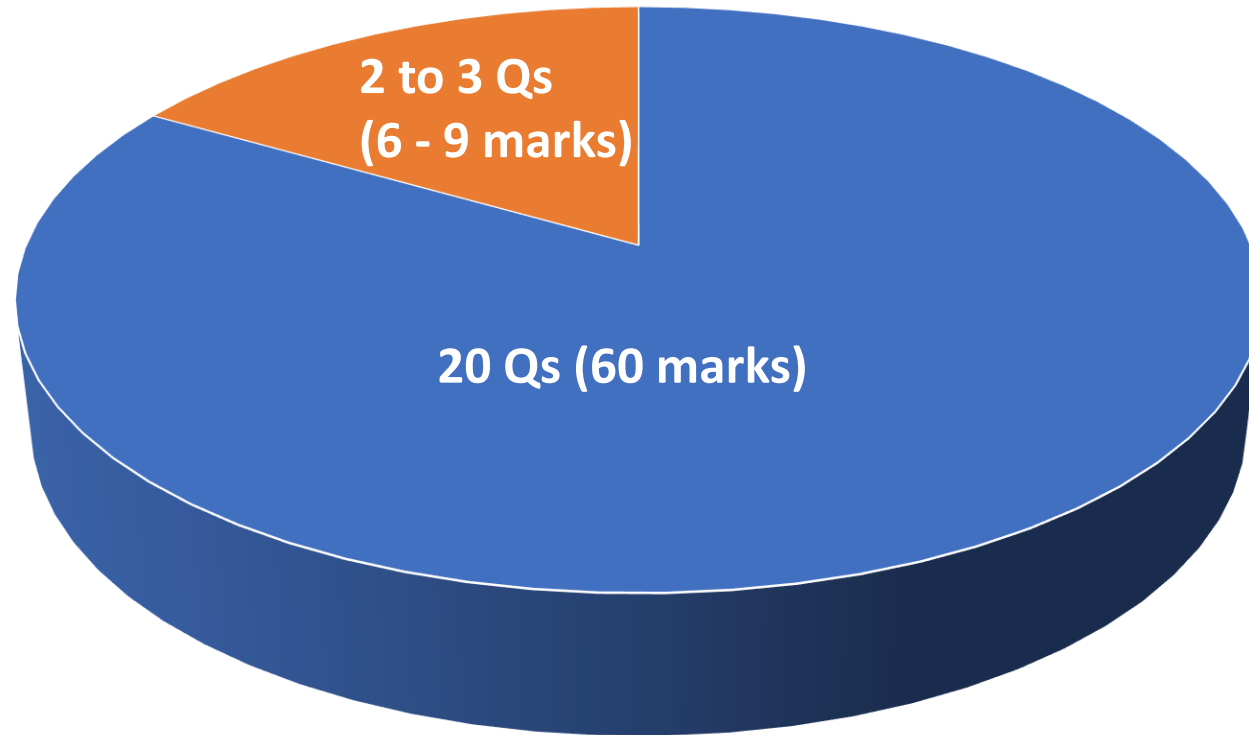
AREA & PERIMETER

AFCAT Previous Years Q&A Analysis



AREA PERIMETER

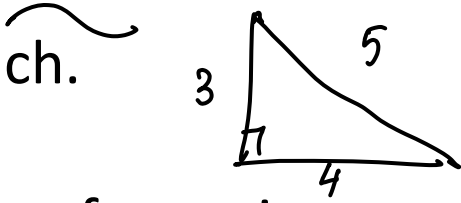
Expected No. of Questions & Marks Division



■ Total no. of Questions & Marks

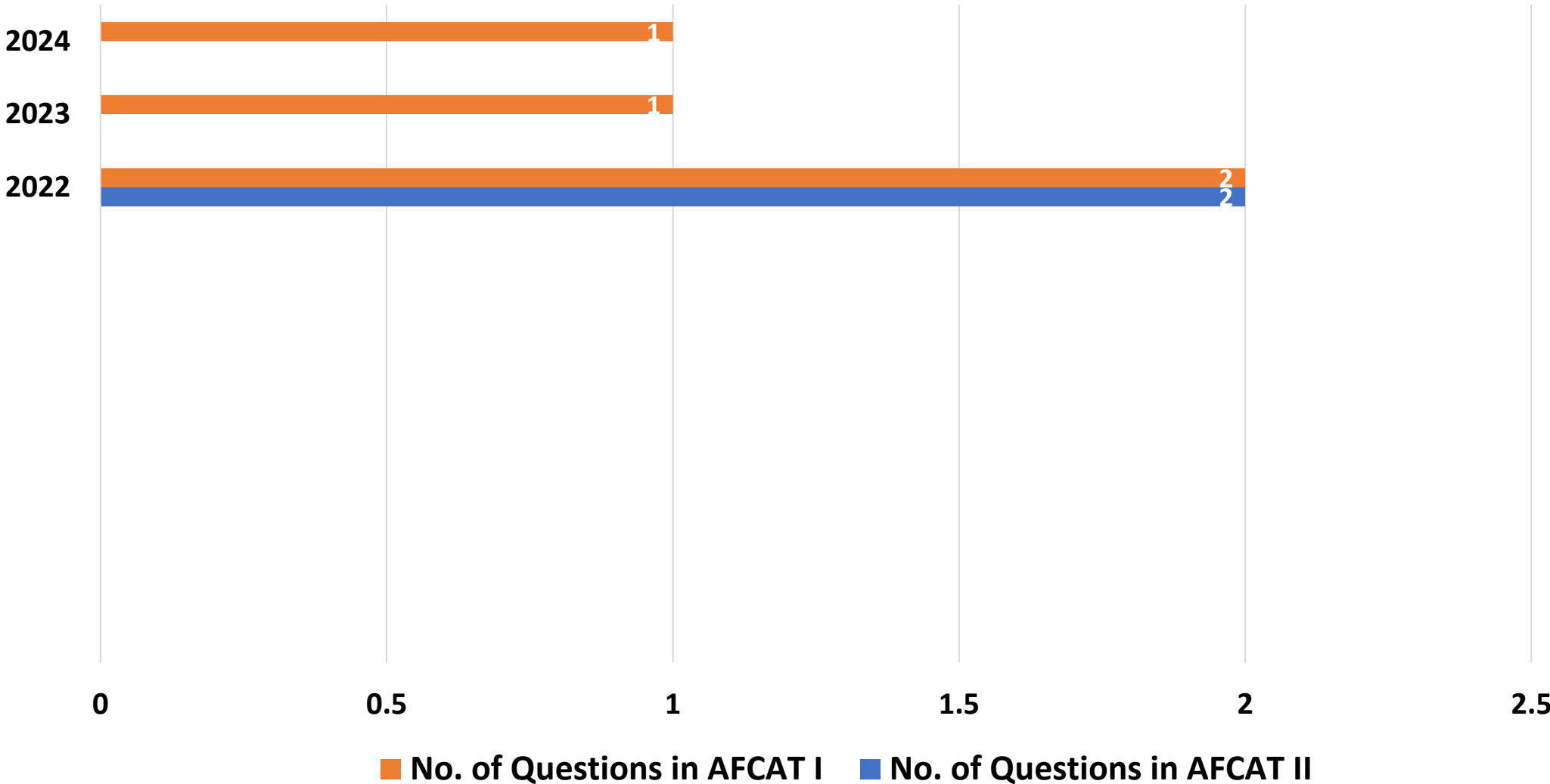
■ No. of Ratio & Proportion Questions & Marks (Approx.)

Topic Importance: Area & Perimeter

- Properties and formulae of all 2D figures are most important.
- Just ensure to make figure in every question.
- Concept of triplet uses much. 
- Repeated concept and type of question comes.
- PYQs will help you a lot.

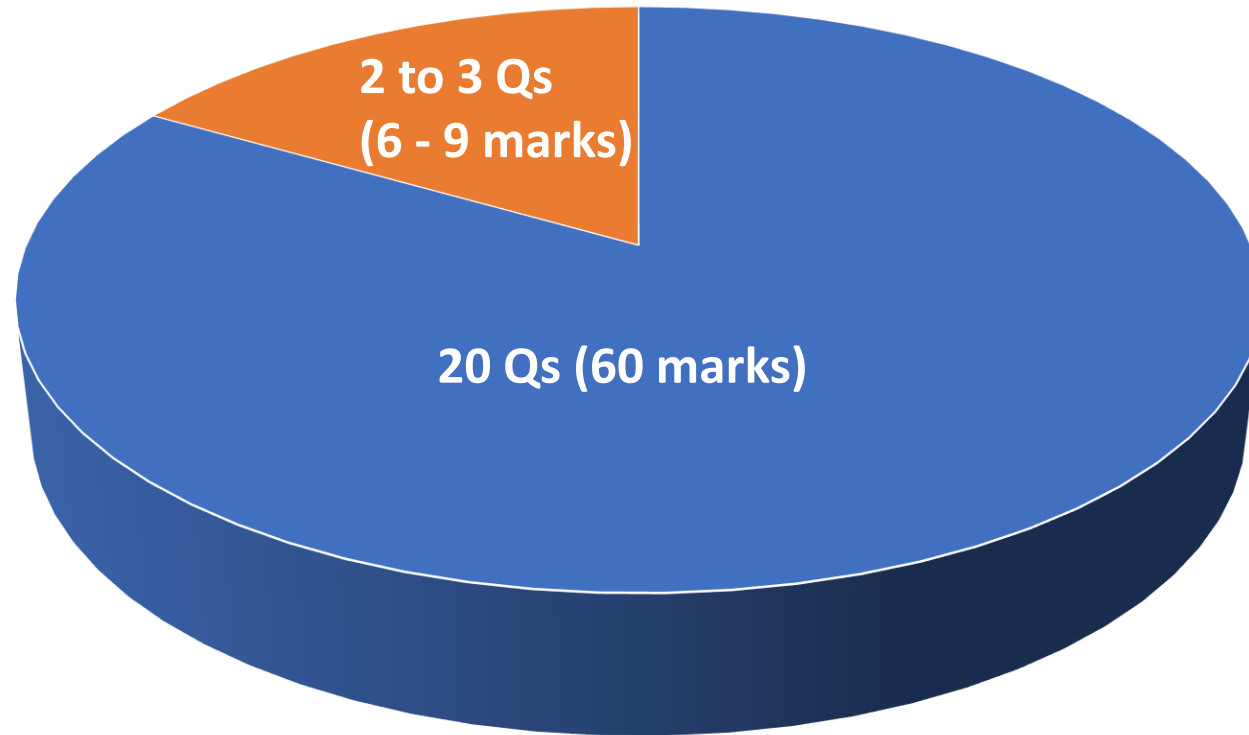
PROBABILITY

AFCAT Previous Years Q&A Analysis



PROBABILITY

Expected No. of Questions & Marks Division



■ Total no. of Questions & Marks

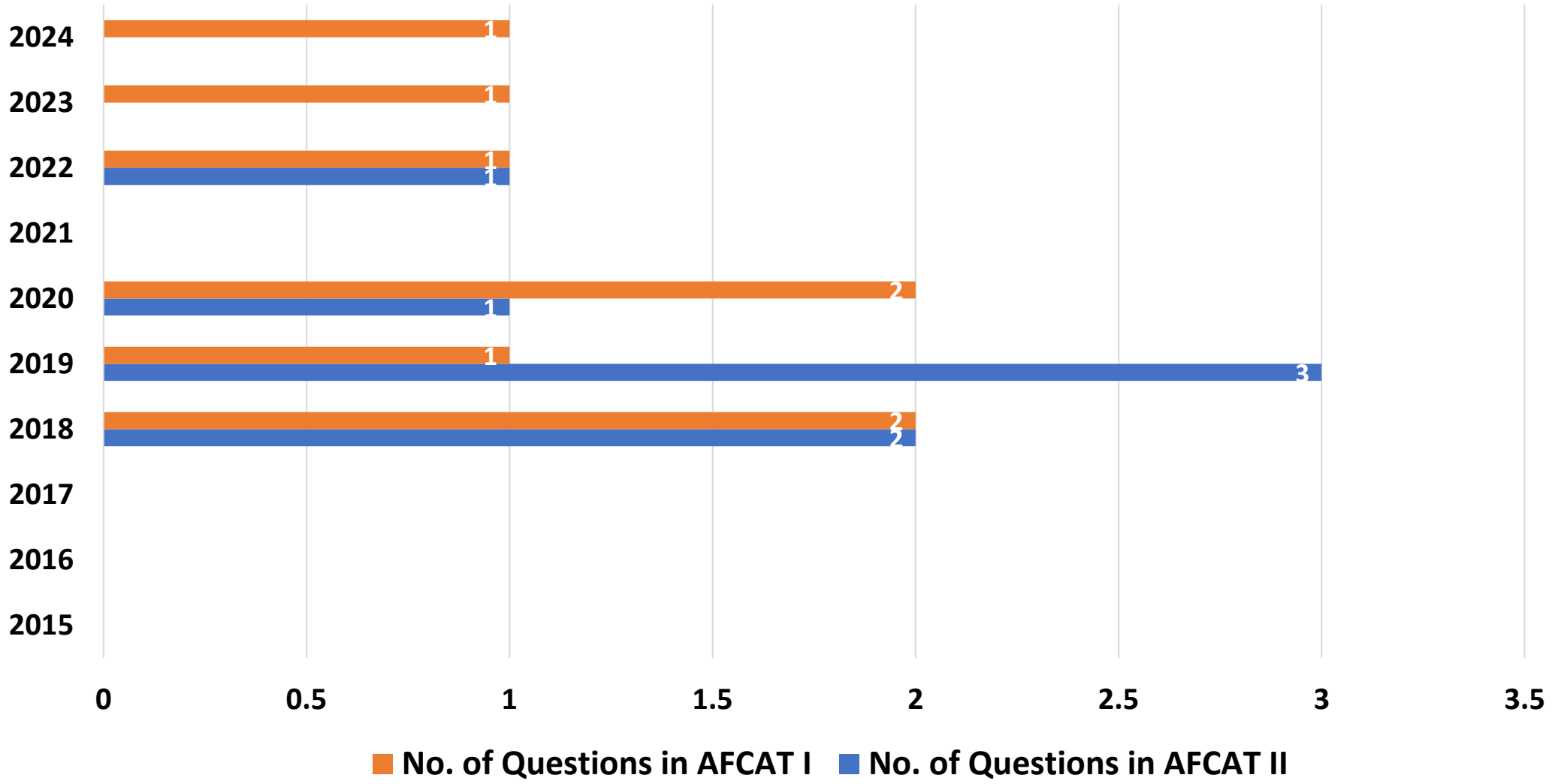
■ No. of Ratio & Proportion Questions & Marks (Approx.)

Topic Importance: Probability

- It is new topic only 1 – 2 question comes, Understanding of basic questions is mandatory if you have time and completed other topics then you can go higher level probability.

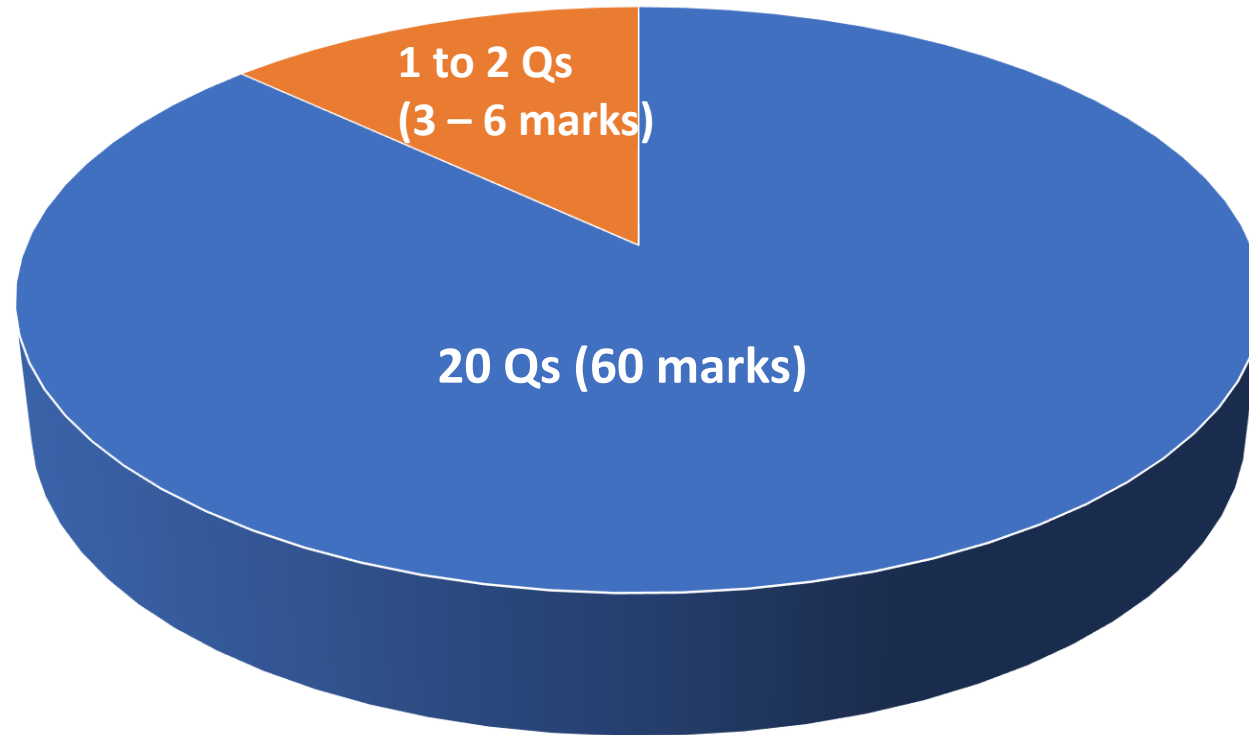
NUMBER SYSTEM

AFCAT 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.)

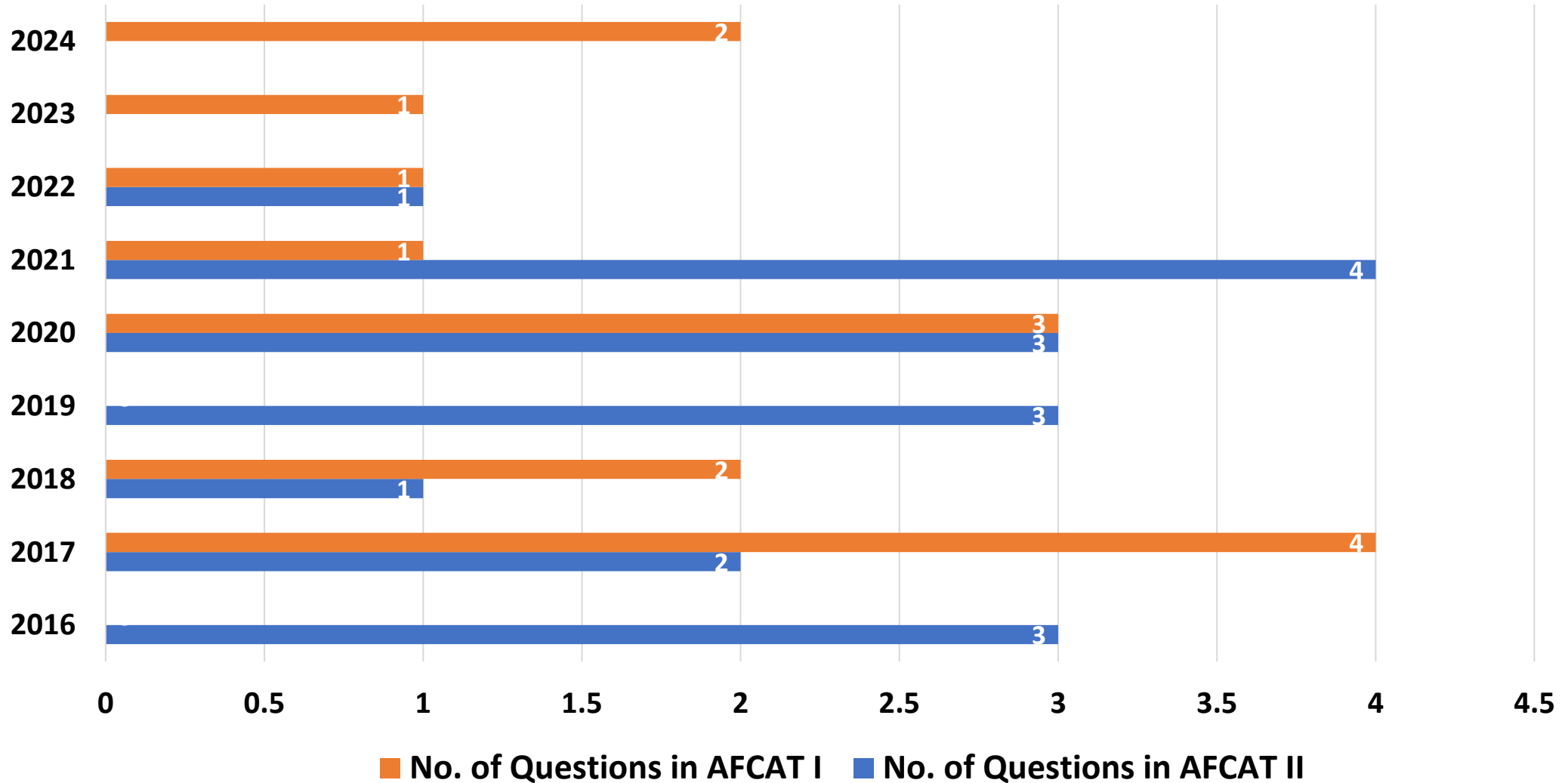
Topic Importance: Number System

- Concept of remainder theorem, unit digit, divisibility rules, simplification, BODMAS these questions repeat only.
- Just now they are asking in unique manner instead of directly.
- You must know how to play numbers like say for example some famous products, Triplet concept, squares and cubes.
- Properties related to HCF LCM also important.
- Practice Basic Questions must.

1-20 ↗ (1-15) ↗

ALGEBRA

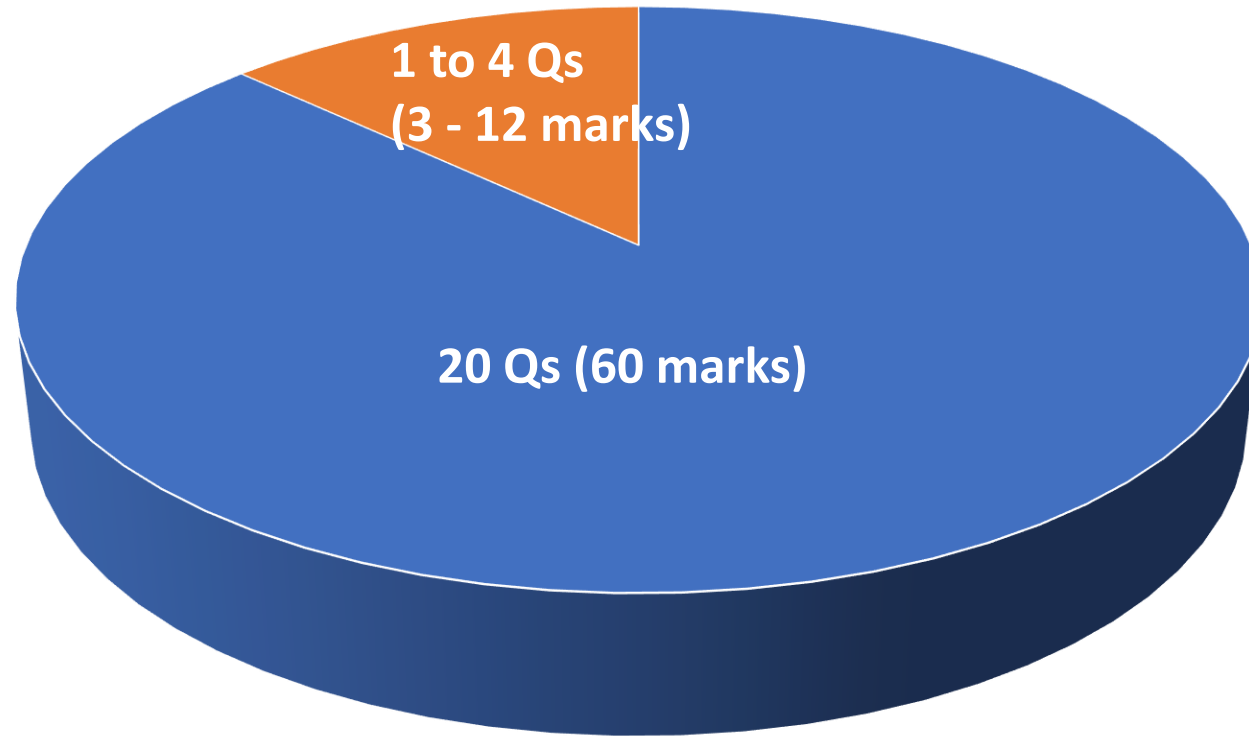
AFCAT Previous Years Q&A Analysis



ALGEBRA

Expected No. of Questions & Marks Division

Identities



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

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, be consistent from the start. ✓
- 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.

Mon - Fri : 1-2 PM

Tips To Remember

- Practice more and more number of questions and give quick revisions to the concepts on timely basis.
- Last and the most important thing is to have faith in yourself, be confident as you know that you have worked hard.

→ Hand-written notes ✓

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- Sleep - 7 hours
- Good food - 3 times meal
- Physical activity

Discussion-box :

CDS-AFCAT 2 2024

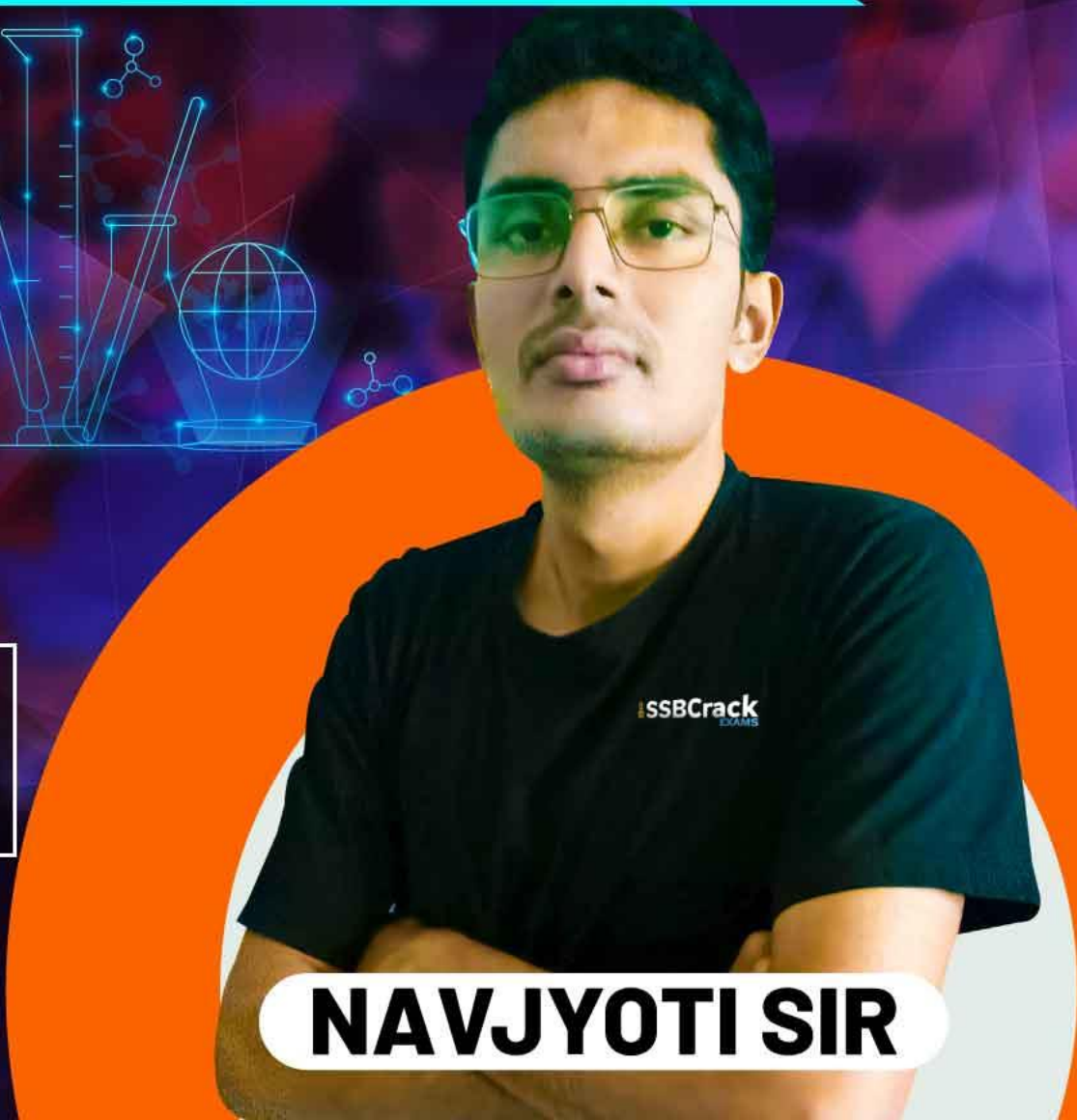
SSBCrack
EXAMS

LIVE

MATHS

PERCENTAGE

CLASS 1



NAVJYOTI SIR