

# AFCAT 1 2025

**LIVE** ●

# REASONING

# STUDY PLAN & ANALYSIS

**SSBCrack**  
EXAMS



**RUBY MA'AM**



## 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





# What Is AFCAT Exam?

- Indian Air Force administers the Air Force Common Admission Test (AFCAT), a national exam, to choose applicants for Class-1 Gazetted Officers in Flying and Ground Duties (Technical and Non-Technical). Two times a year, the exam is conducted.

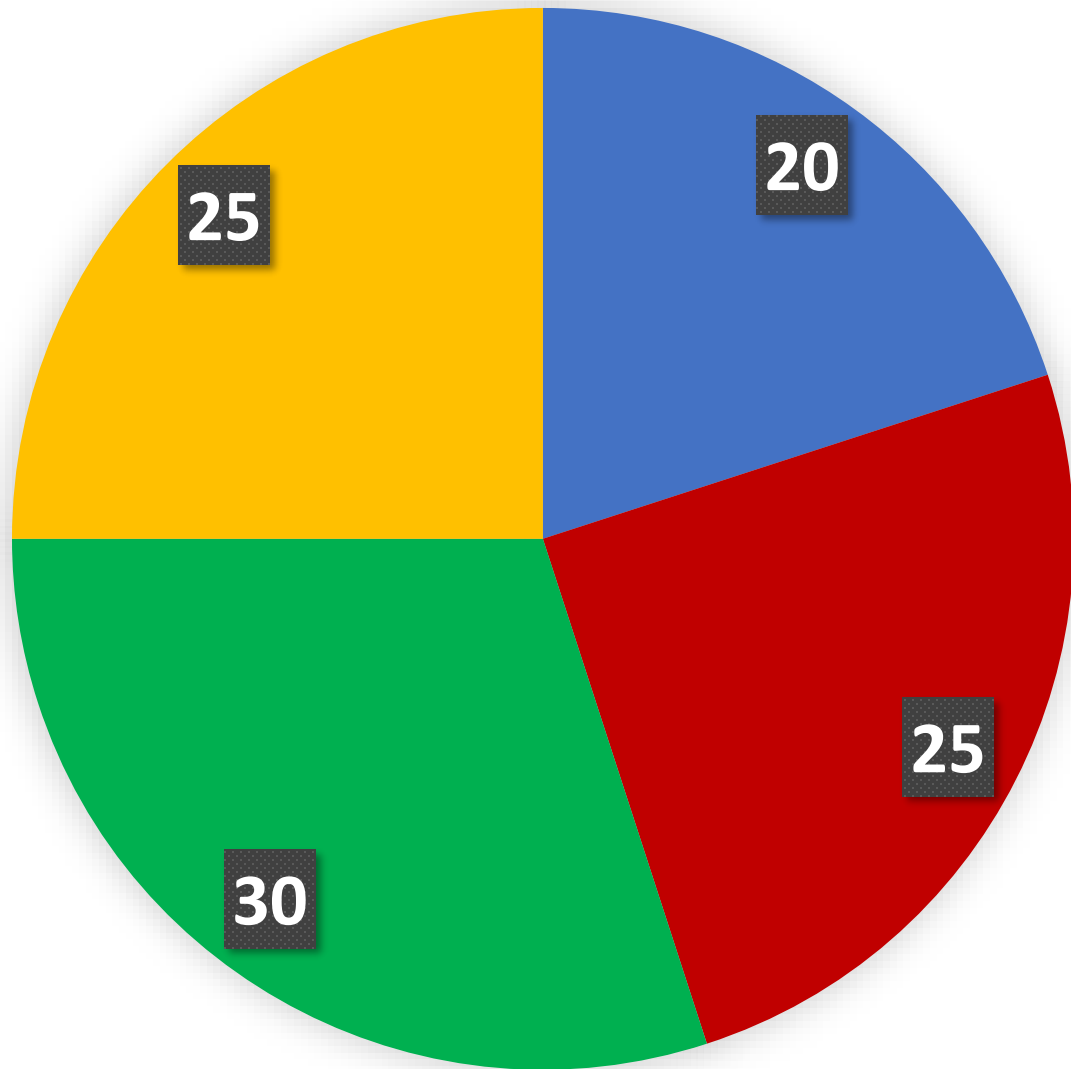


# What Is AFCAT Exam?

- It is an exam for both male and female candidates for Short Service Commission in Flying Branch and in Ground Duties for both Technical and Non-Technical roles.



# AFCAT 1 2025 Exam - Subject Wise Analysis



■ Numerical Ability

■ Reasoning & Military Aptitude

■ English or Verbal Ability

■ General Awareness

# AFCAT 1 2025 Marking Scheme

SECTION	NO. OF QUESTIONS	TOTAL MARKS	CORRECT ANSWER	WRONG ANSWER
Numerical Ability	20	60	3 Marks	1 Mark
Reasoning & Military Aptitude	25	75		
Verbal Ability in English	30	90		
General Awareness	25	75		
<b>TOTAL</b>	<b>100</b>	<b>300</b>		

# Components of AFCAT Reasoning Section Syllabus

## VERBAL REASONING

- Analogy
- Classification
- Venn Diagrams
- Number, Ranking & Time Sequence Test
- Syllogism
- Number Series
- Alphabet Series
- Blood Relations
- Calendar
- Directions and Distances
- Missing Character
- Coding Decoding
- Basic Arithmetic

# Components of AFCAT Reasoning Section Syllabus

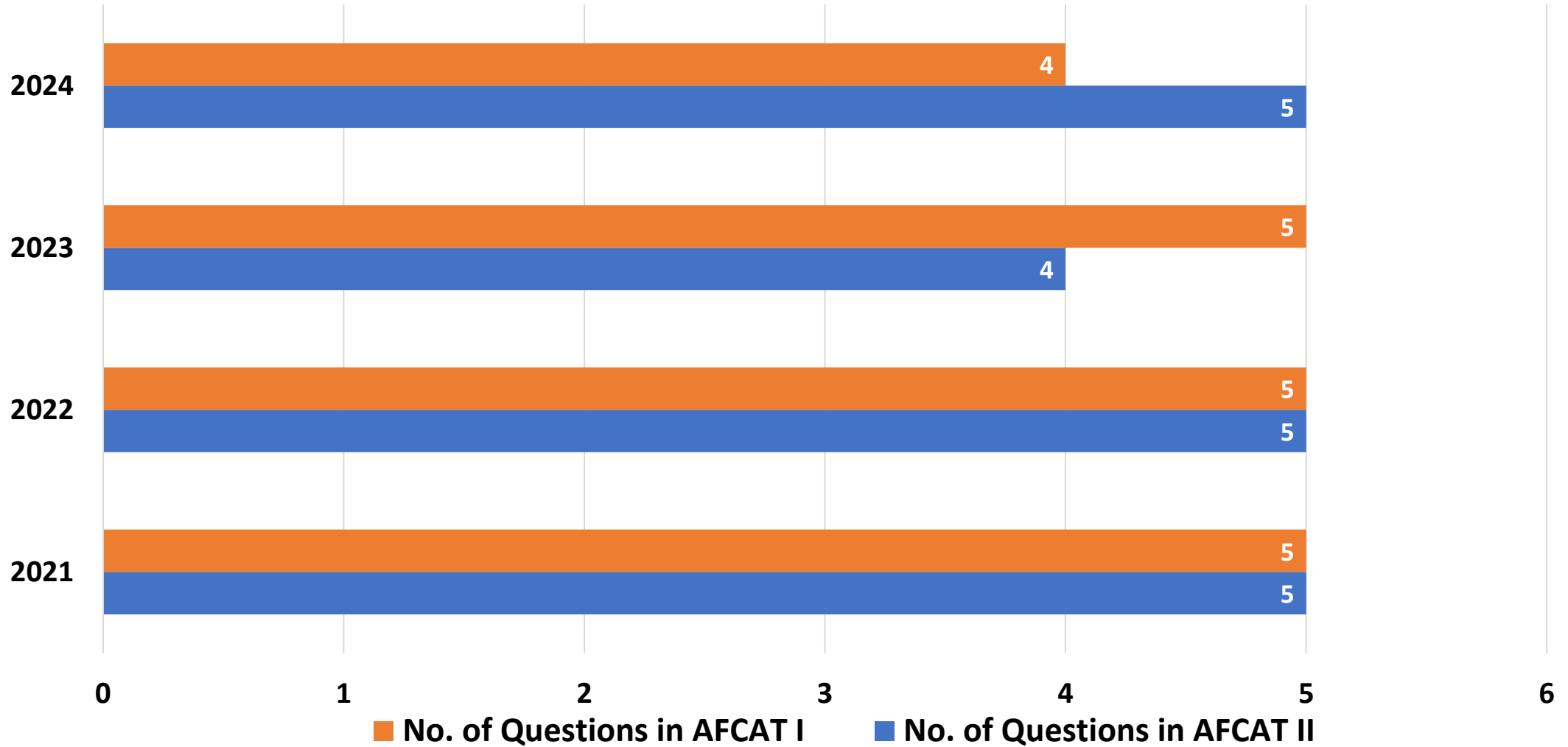
## NON - VERBAL REASONING

- Figure Series
- Figure Analogy
- Figure Classification
- Figure Completion
- Dot Situation
- Embedded Figure
- Paper Cutting and Folding
- Mirror And Water Images
- Figure matrix



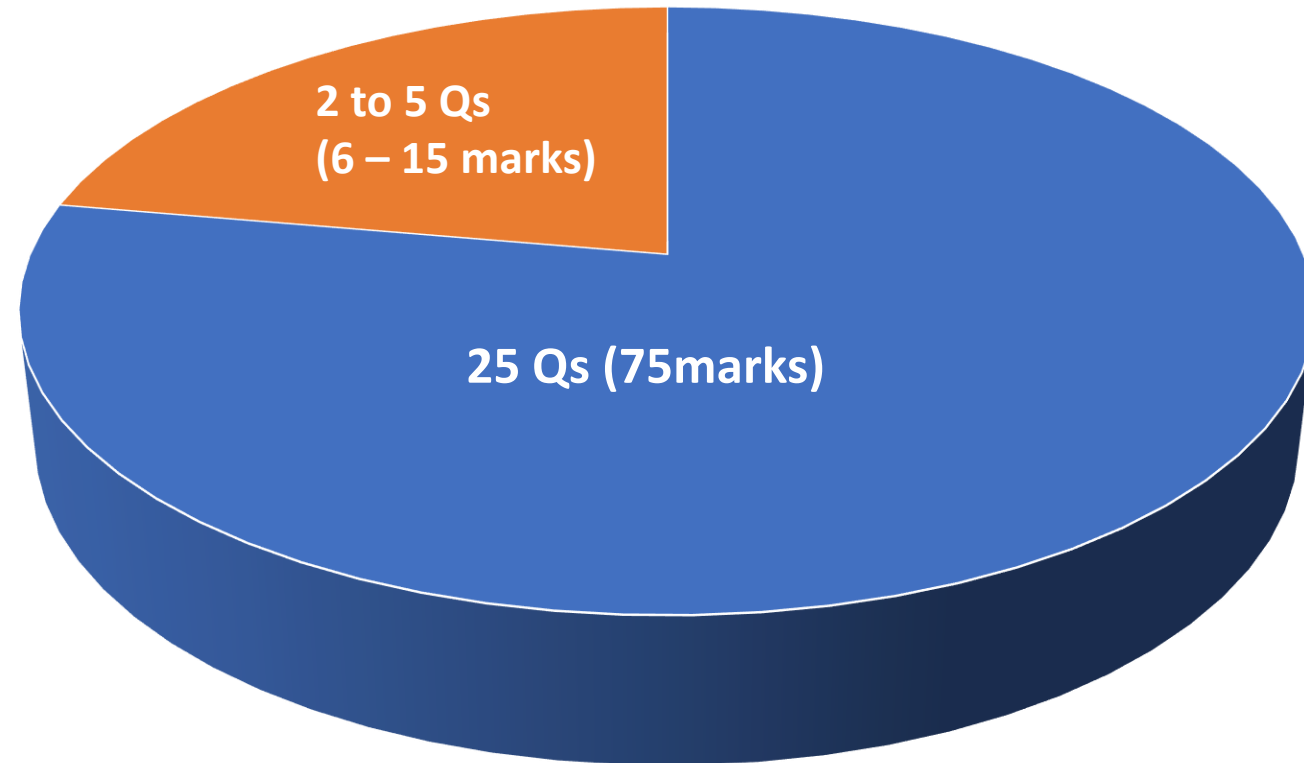
# ANALOGY

## AFCAT Verbal Section Previous Years Q&A Analysis



# ANALOGY

## Expected No. of Questions & Marks Division



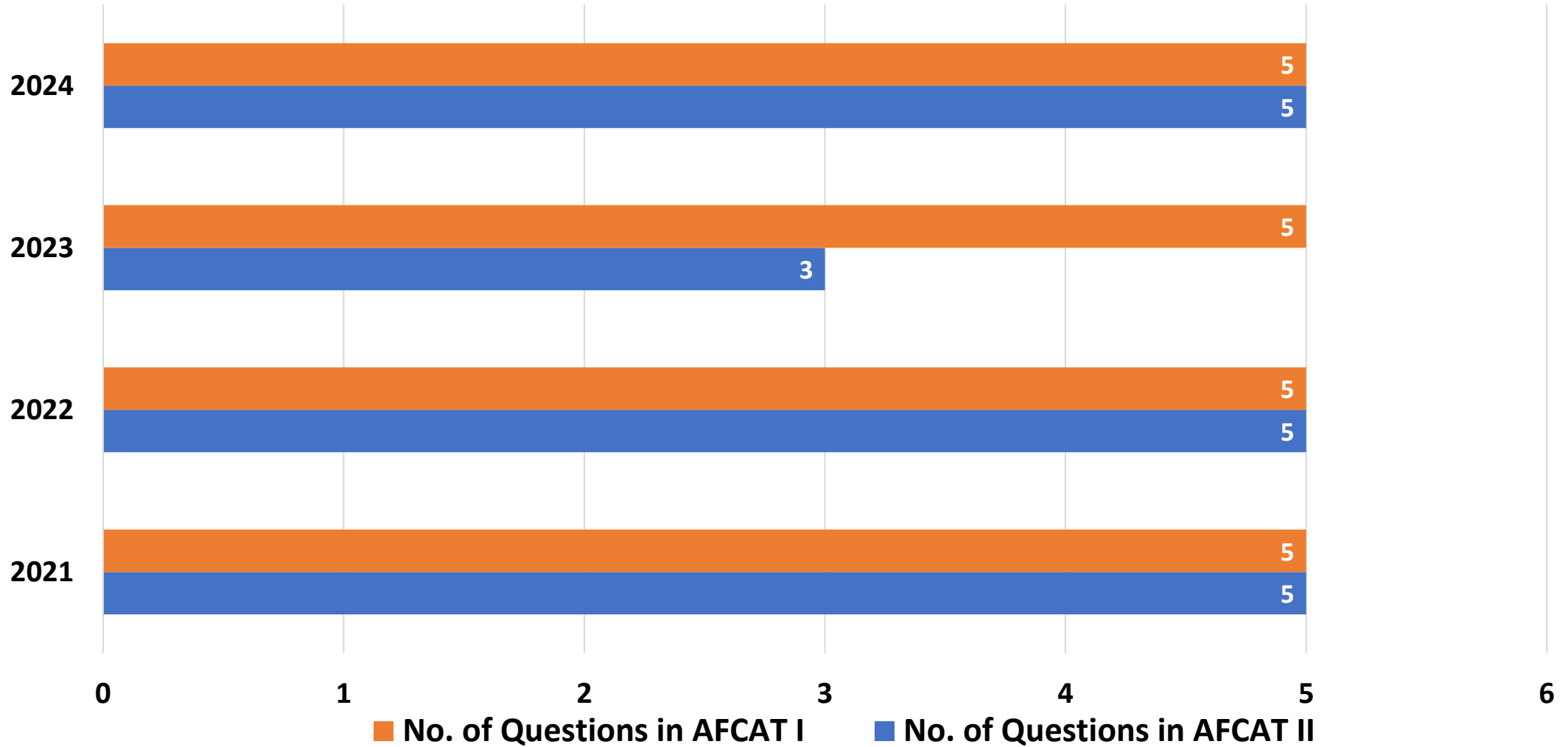
- Total no. of Questions & Marks
- No. of Analogy Questions & Marks (Approx.)

# ANALOGY

- Analogy is the trickiest part of reasoning as it requires a very good knowledge of topics like Antonyms, Synonyms and some GK related topic like Country, currency & Capitals, Important rivers, Caves, mountains, etc.
- So, if you have covered your Static GK part thoroughly then it can be helpful for you in Analogy also.

# CLASSIFICATION

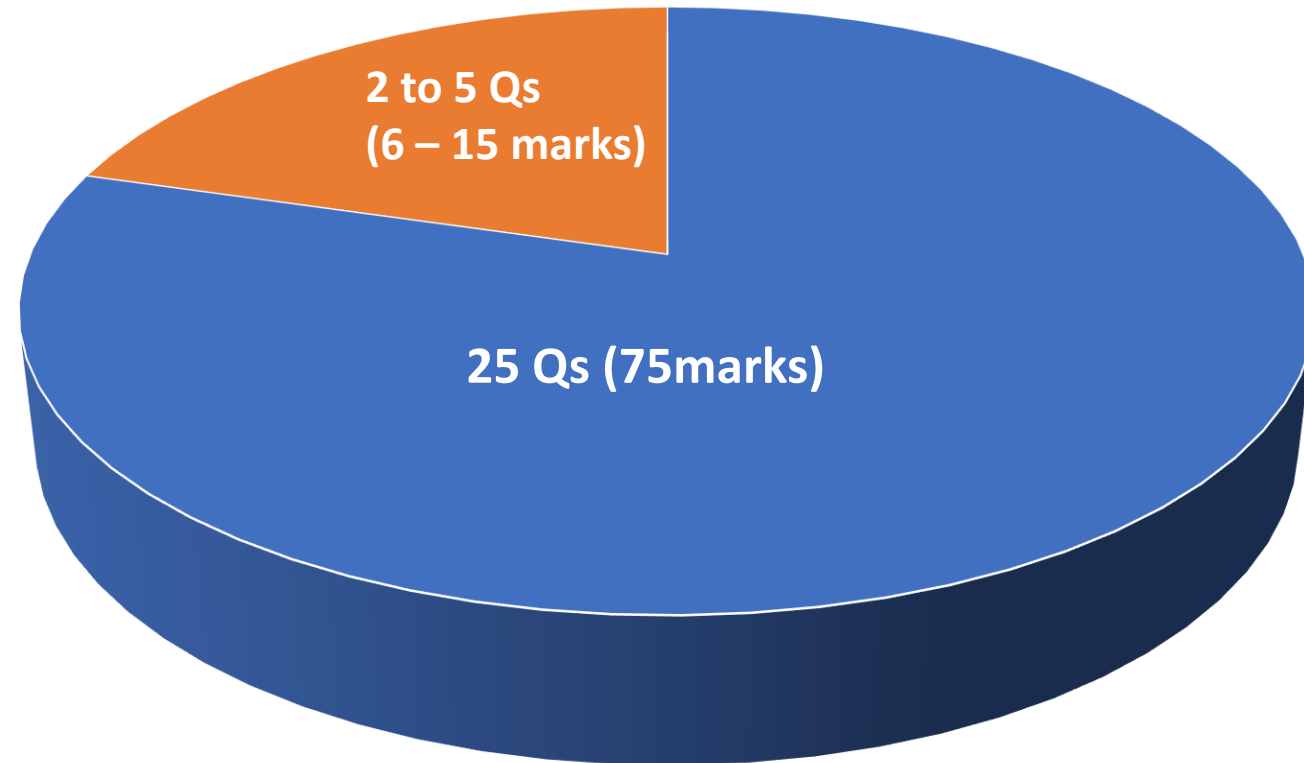
## AFCAT Verbal Section Previous Years Q&A Analysis





# CLASSIFICATION

## Expected No. of Questions & Marks Division



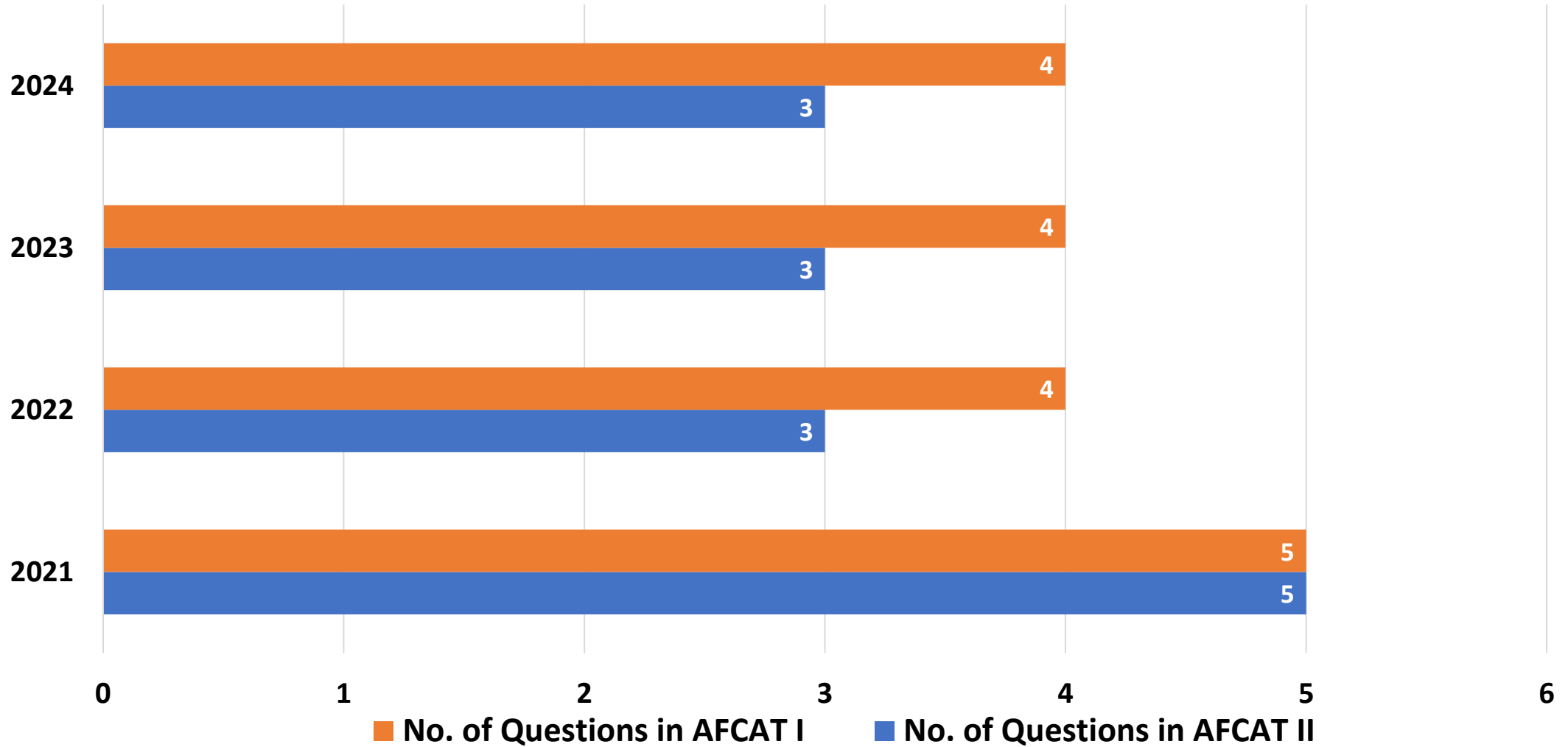
- Total no. of Questions & Marks
- No. of Classification Questions & Marks (Approx.)

# CLASSIFICATION

- Basics of questions are same as that of Analogy.
- It also requires your skills to group the similarities and find the odd one out from the given options.

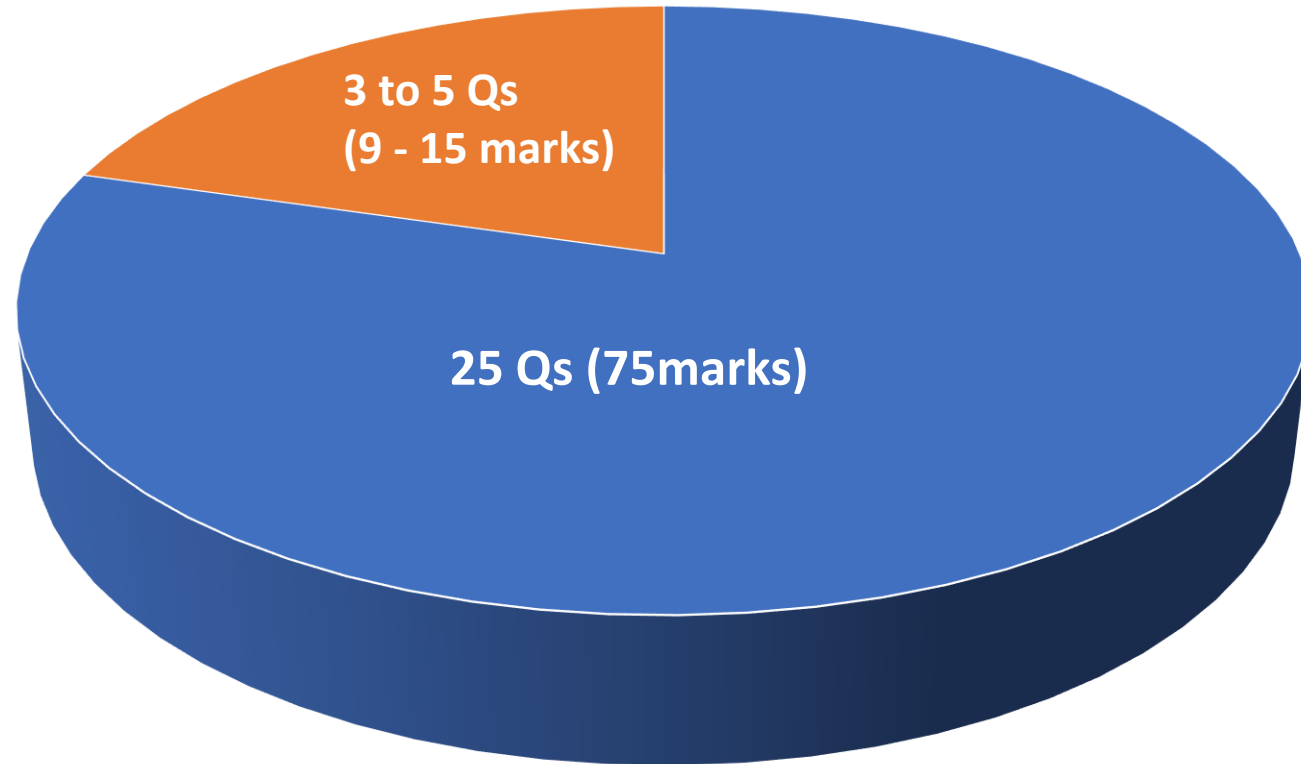
# VENN DIAGRAMS

## AFCAT Verbal Section Previous Years Q&A Analysis



# VENN DIAGRAMS

## Expected No. of Questions & Marks Division



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

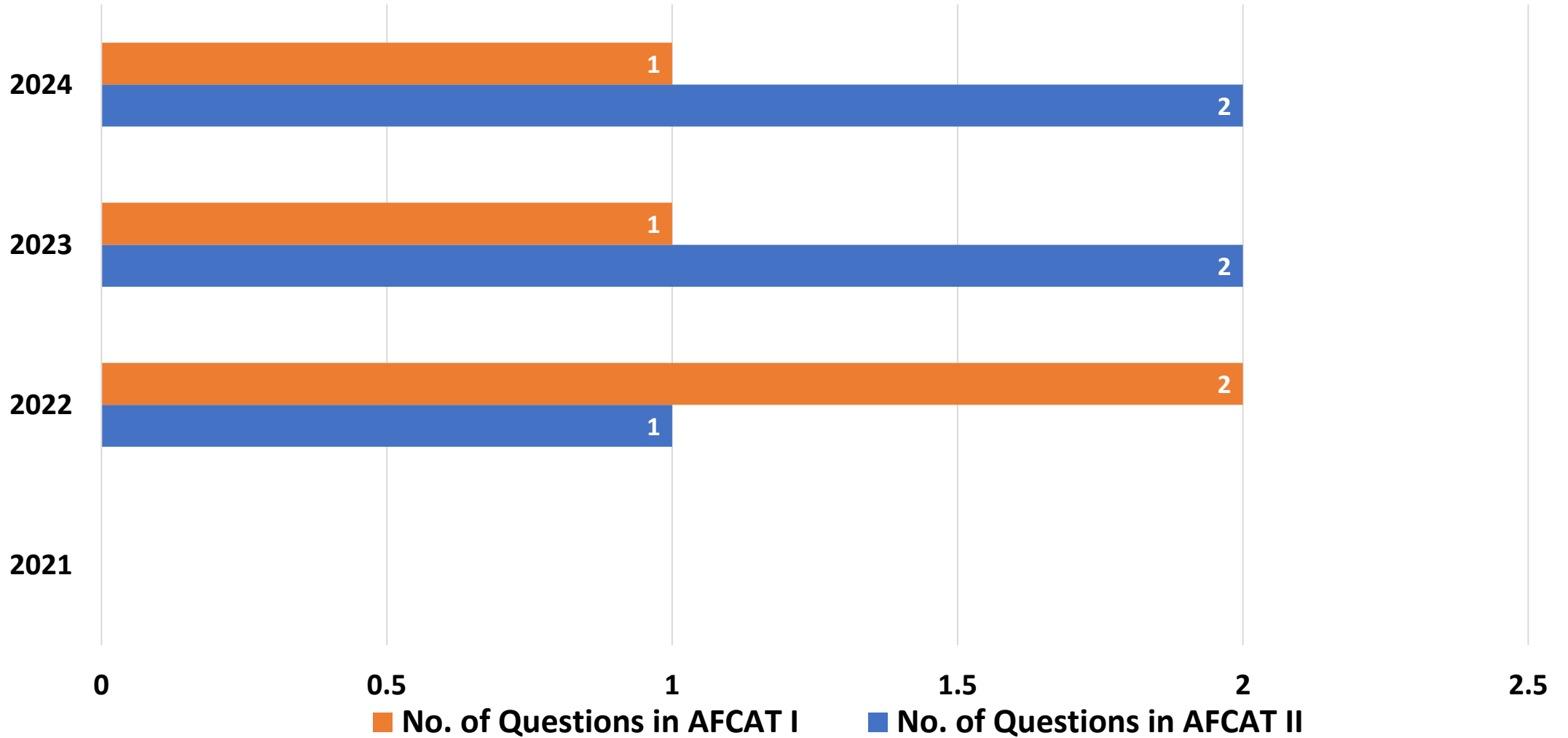


# VENN DIAGRAMS

- Venn Diagrams are very easy.
- You just need to understand the relations between given three or four things and then find the best suited Venn diagram to justify that relation.
- Good practice of questions will always be helpful.

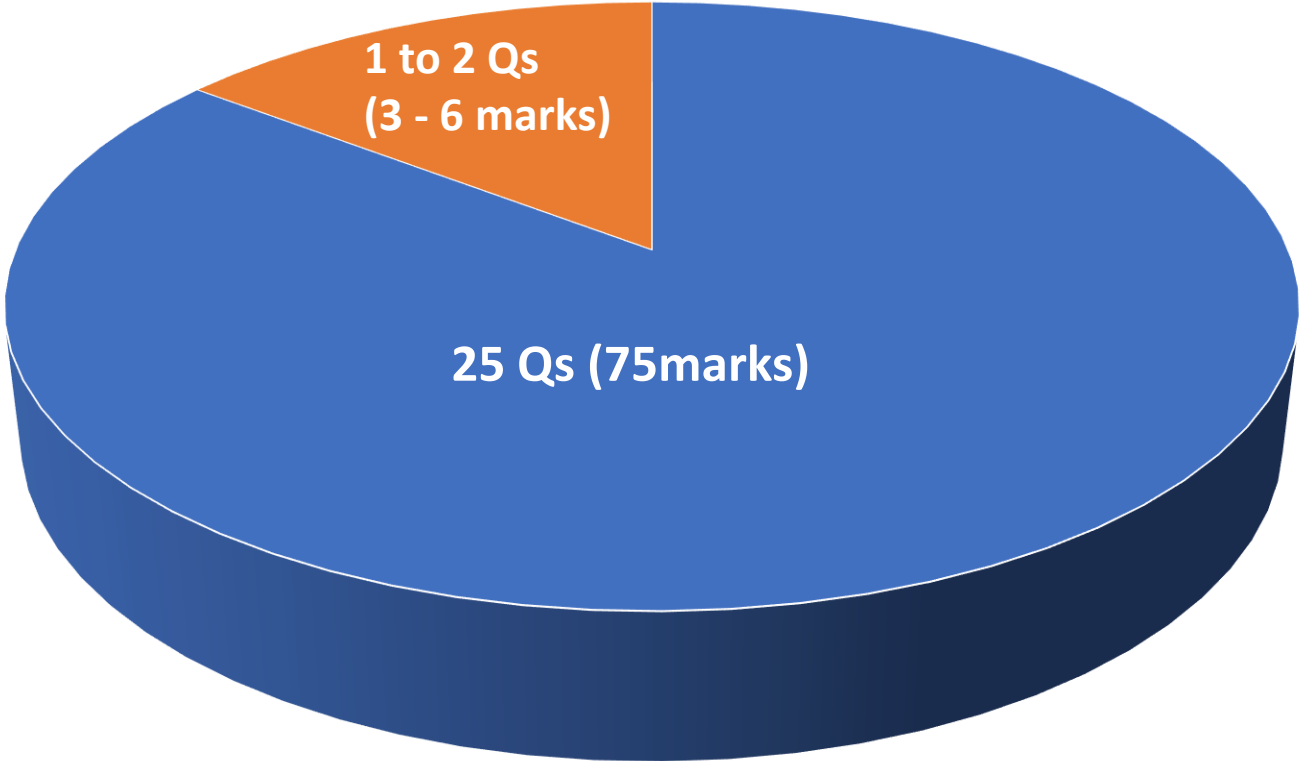
# NUMBER, RANKING & TIME SEQUENCE TEST

## AFCAT Verbal Section Previous Years Q&A Analysis



# NUMBER, RANKING & TIME SEQUENCE TEST

## Expected No. of Questions & Marks Division



- Total no. of Questions & Marks
- No. of Number, Ranking & Time Sequence Test Questions & Marks (Approx.)

# NUMBER, RANKING & TIME SEQUENCE TEST

- High chances are of getting questions from Ranking part only.
- Also, all the questions based on this topic are of very easy level and usually everything is given in the ques itself.
- You are just required to interpret each and every line very carefully, draw a relevant diagram and easily find the answer.



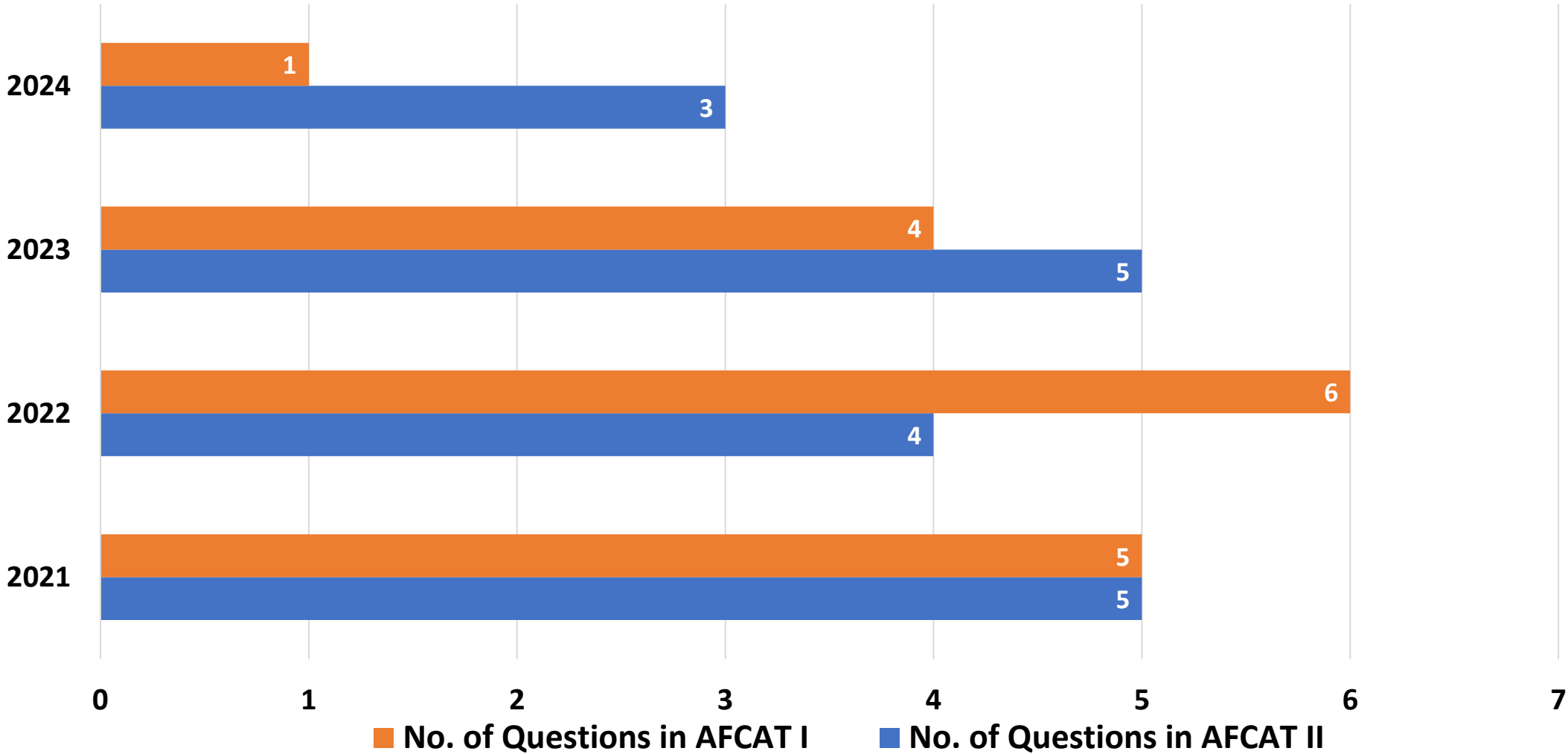
# Topics With One Or None Questions

## VERBAL REASONING

- Syllogism
- Number Series
- Alphabet Series
- Blood Relations
- Calendar
- Directions and Distances
- Missing Character
- Coding Decoding
- Basic Arithmetic

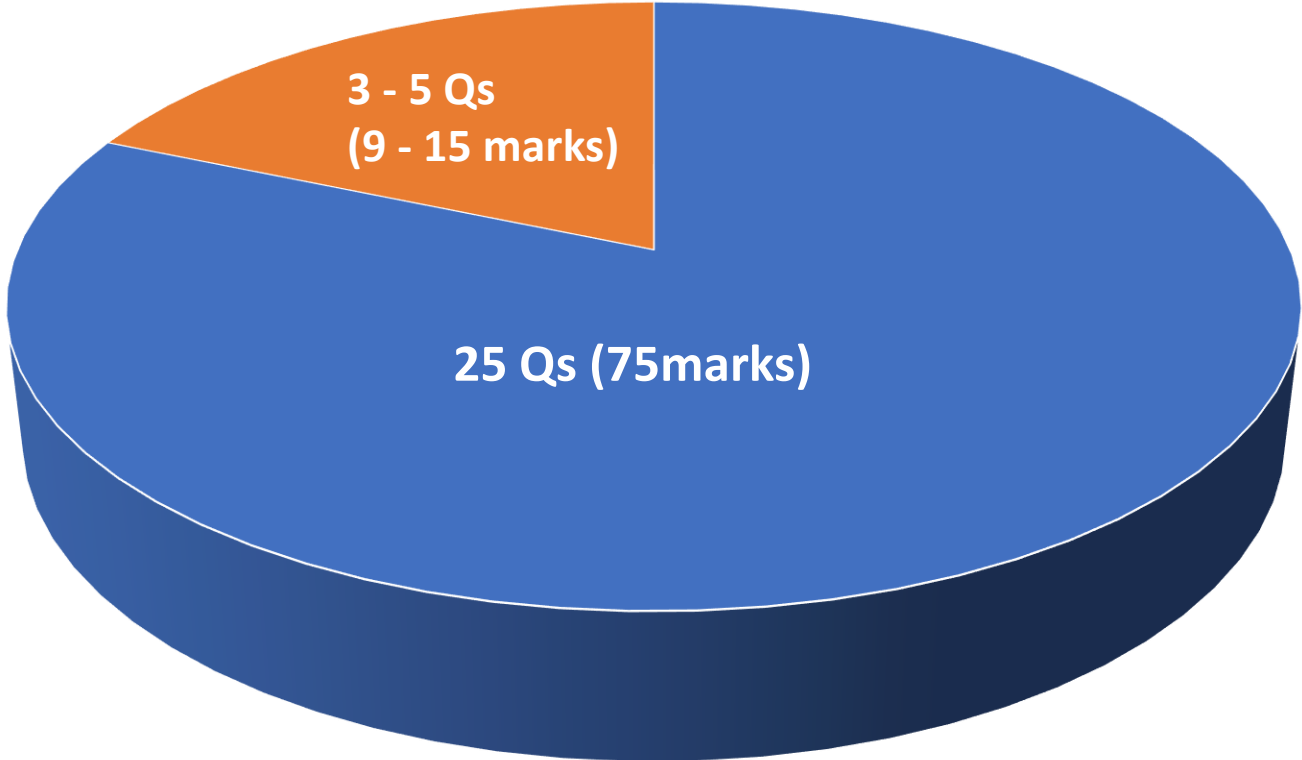
# FIGURE SERIES

## AFCAT Non - Verbal Section Previous Years Q&A Analysis



# FIGURE SERIES

## Expected No. of Questions & Marks Division



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

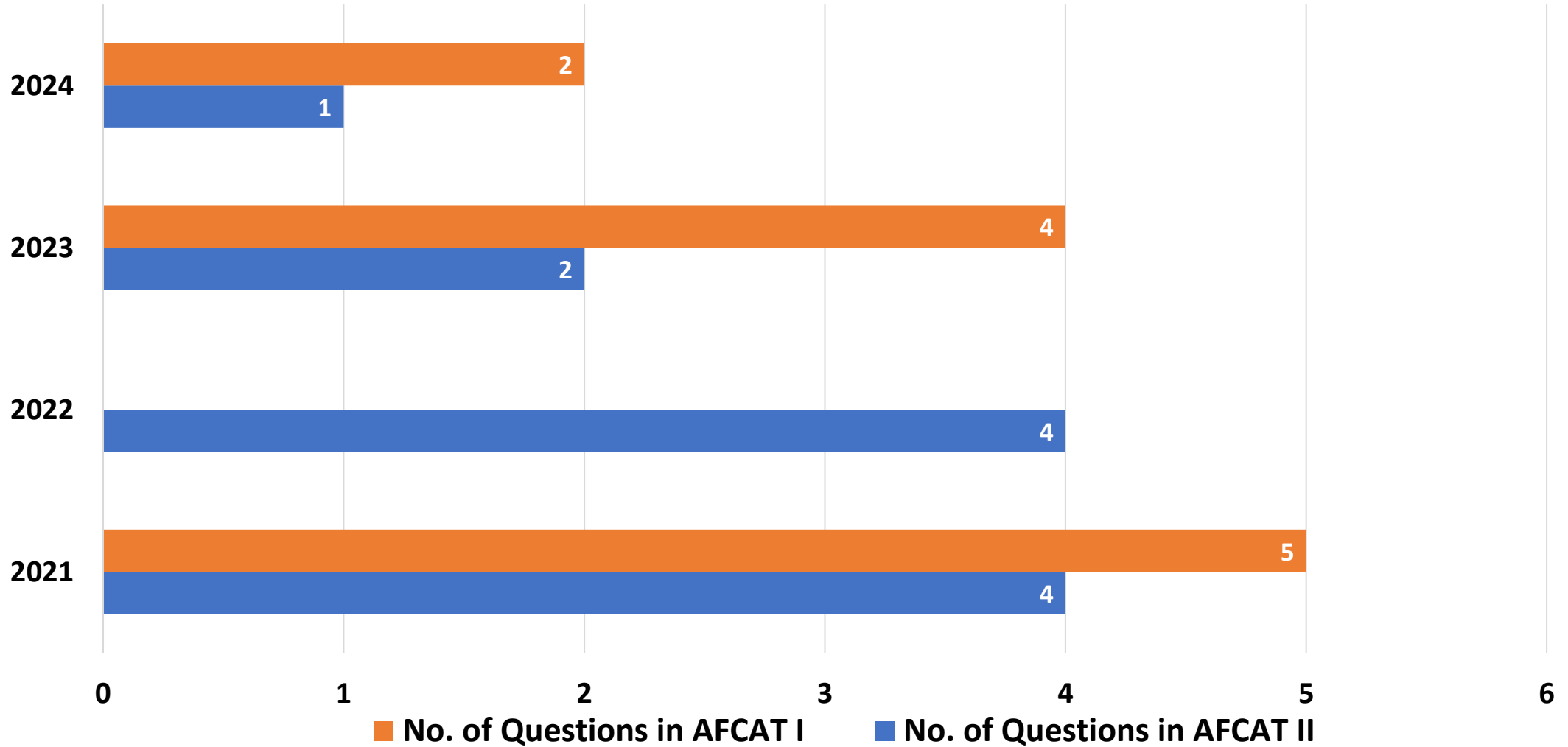
# FIGURE SERIES

There are some fixed number of logics such as:

- Based on shape and size
- Based on orientation of figure
- Based on number of elements
- Based on inversion (vertically or horizontally)
- Rotation of figure
- Movement of figure
- Replacement of positions of elements
- Division of figures, etc.

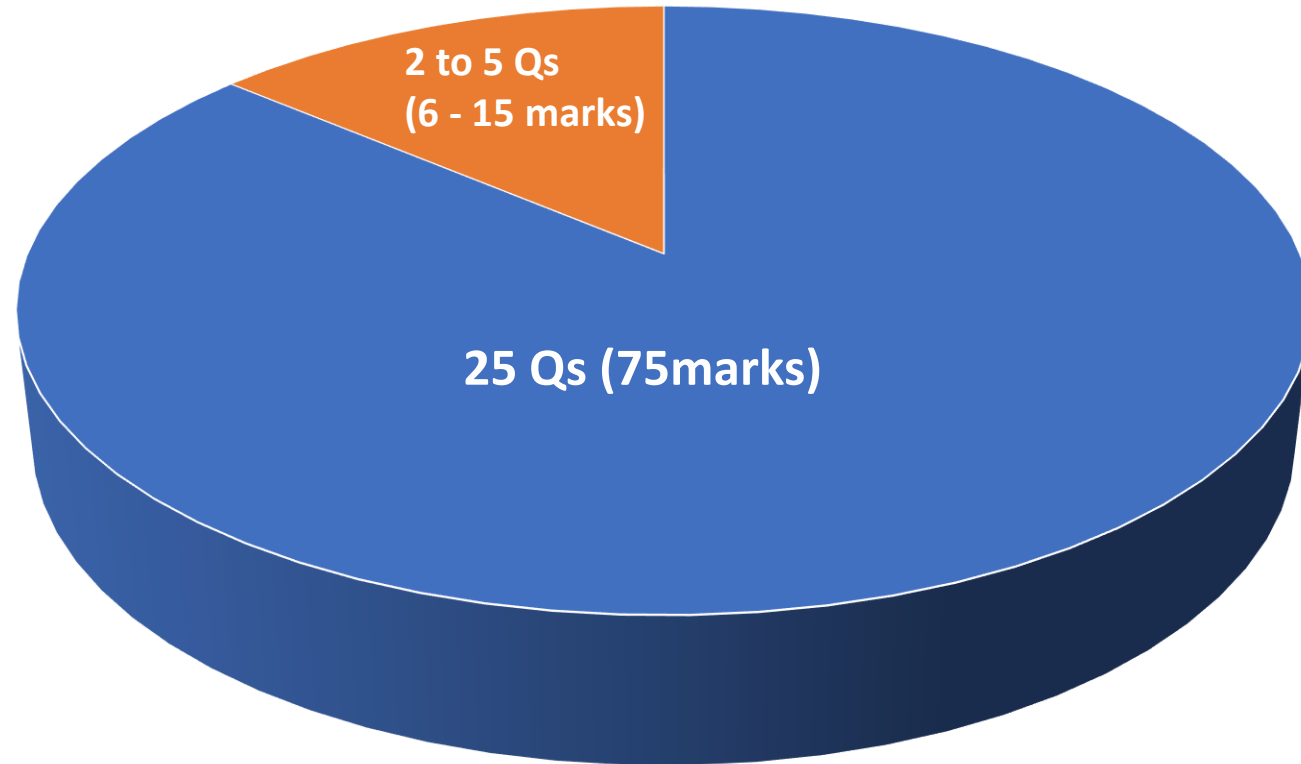
# FIGURE ANALOGY

## AFCAT Non - Verbal Section Previous Years Q&A Analysis



# FIGURE ANALOGY

## Expected No. of Questions & Marks Division



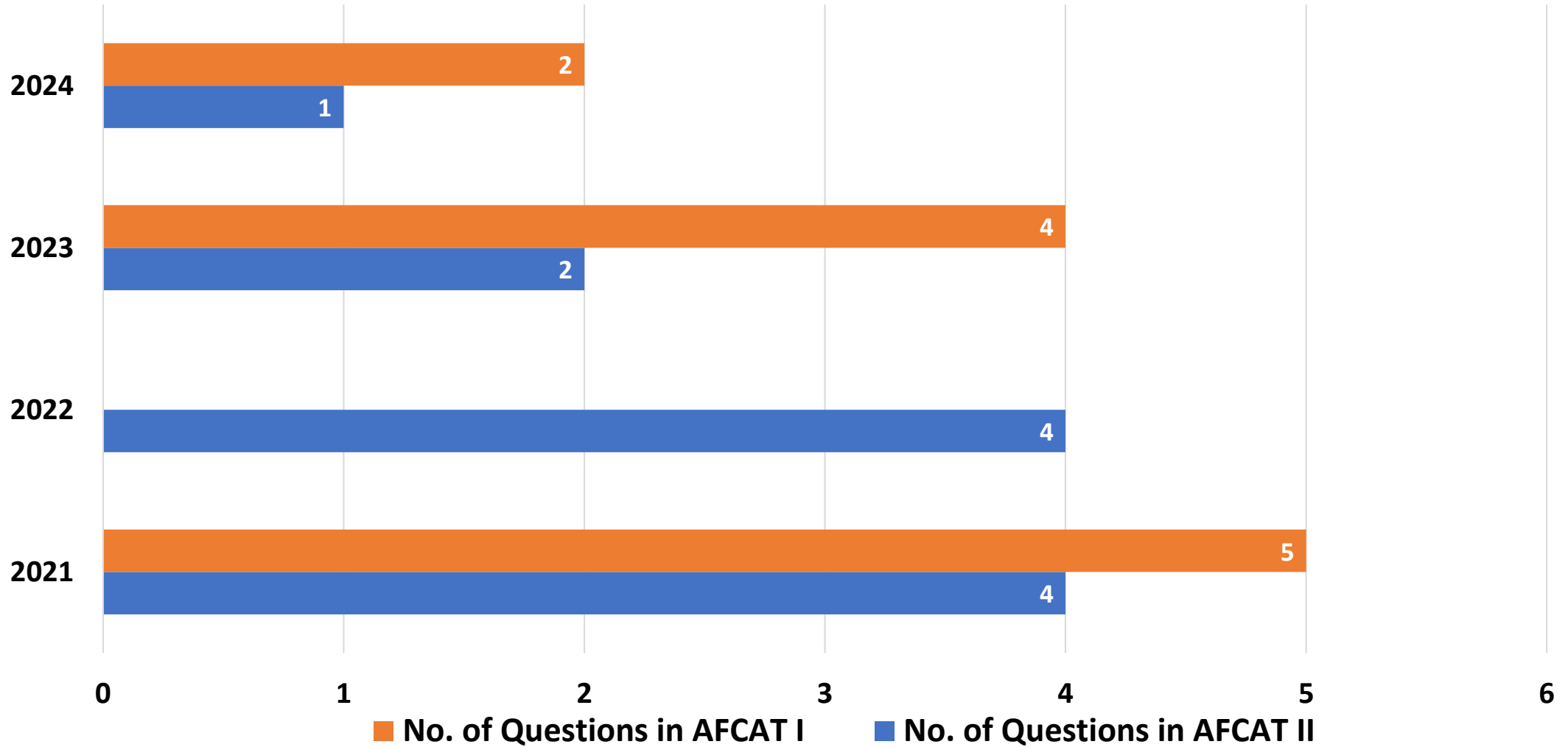
■ Total no. of Questions & Marks    ■ No. of Analogy Questions & Marks (Approx.)

# FIGURE ANALOGY

- Basics are exactly same as that of figure series just the type of questions is different.
- Here you have to find the relation between first two figures and apply same in the other to figures to find the exact answer.

# FIGURE CLASSIFICATION

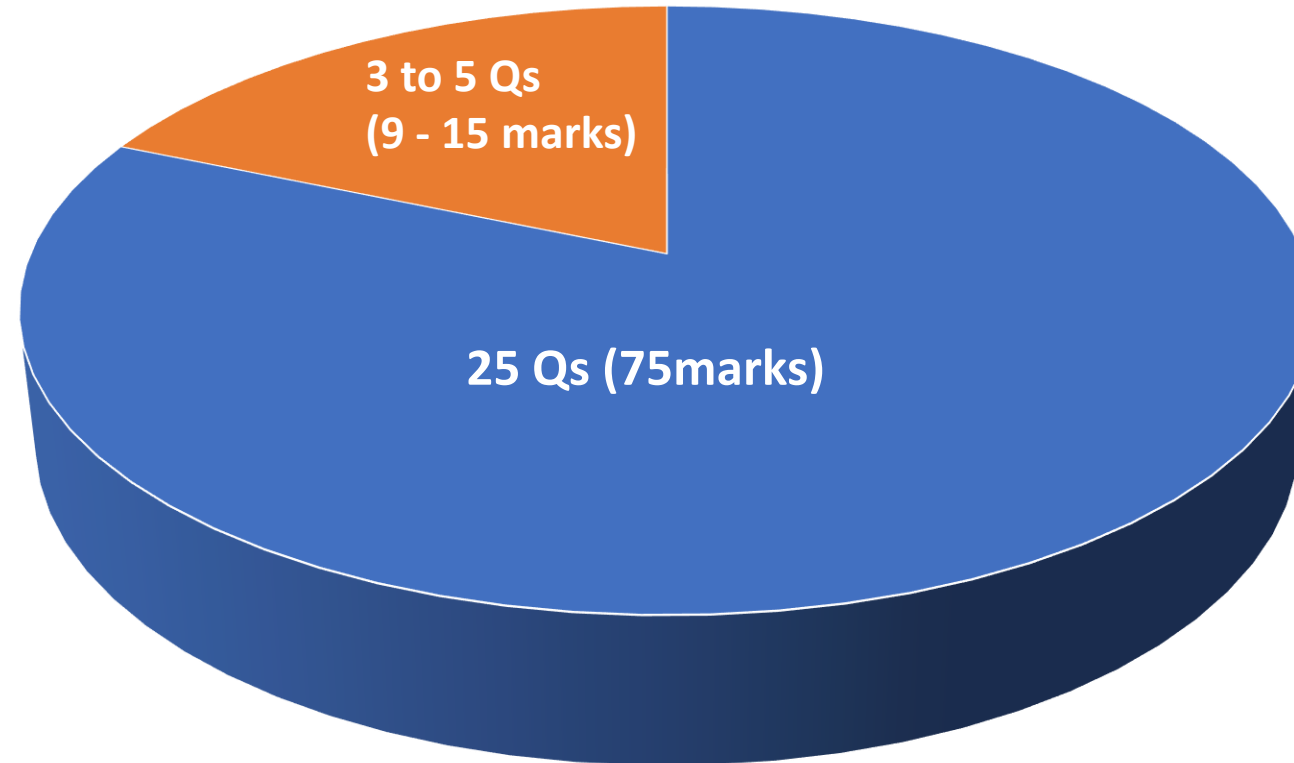
## AFCAT Non - Verbal Section Previous Years Q&A Analysis





# FIGURE CLASSIFICATION

## Expected No. of Questions & Marks Division



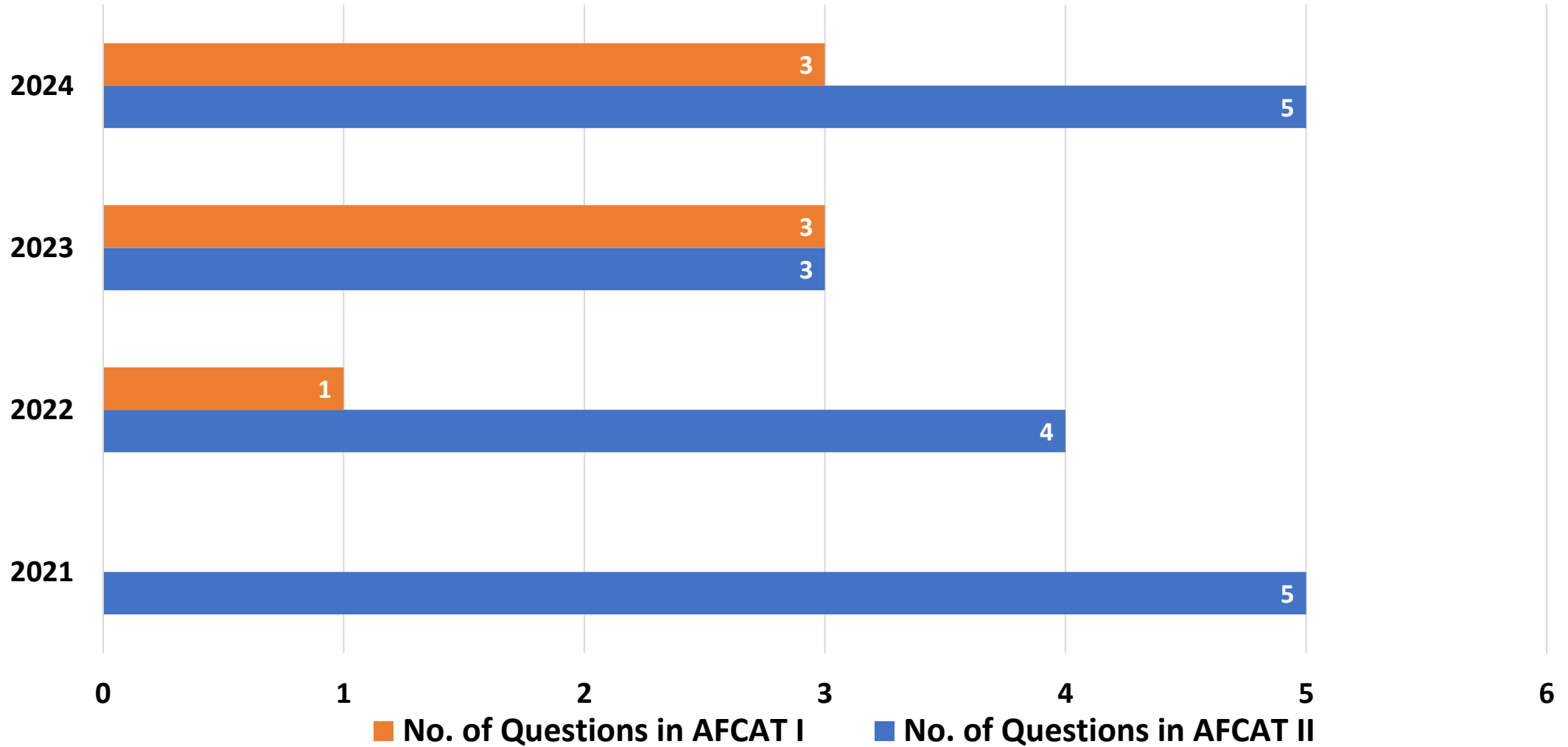
- Total no. of Questions & Marks
- No. of Classification Questions & Marks (Approx.)

# FIGURE CLASSIFICATION

- Basics are exactly same as that of figure series & Analogy just the type of questions is different.
- You should be able to find the odd one out from the given figures.

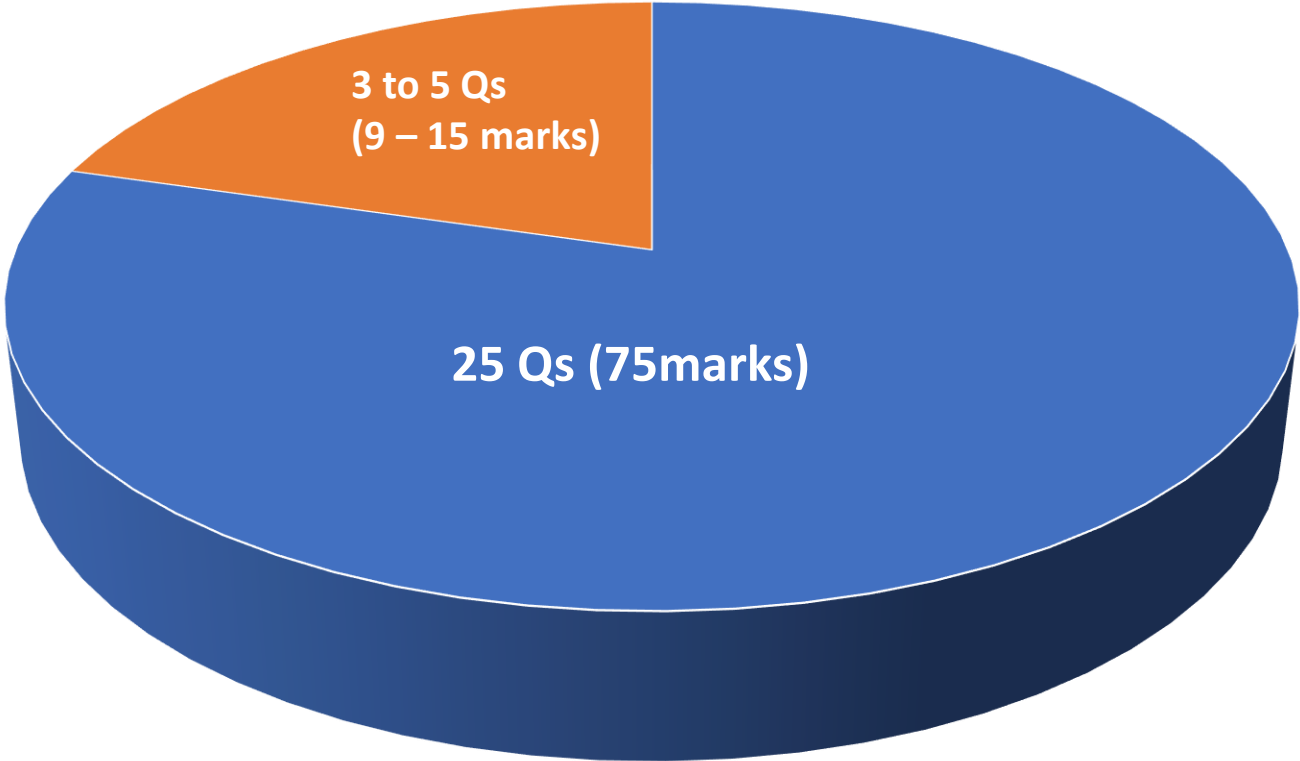
# FIGURE COMPLETION

## AFCAT Non - Verbal Section Previous Years Q&A Analysis



# FIGURE COMPLETION

## Expected No. of Questions & Marks Division



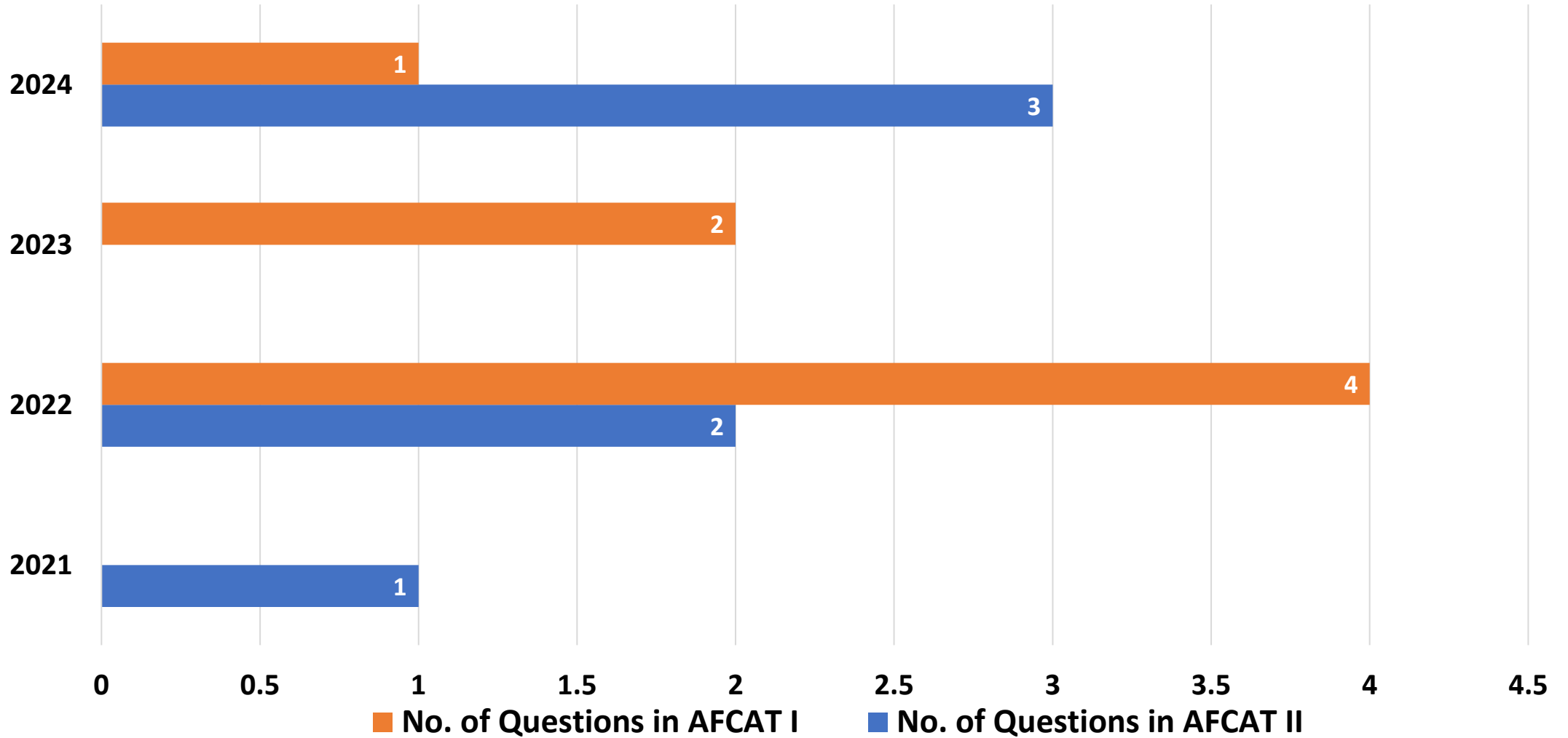
- Total no. of Questions & Marks
- No. of Figure Completion Questions & Marks (Approx.)

# FIGURE CLASSIFICATION

- This topic is very easy as here you are just required to analysis the three given parts in the figure so that you can easily find the missing part from the options and complete the figure.

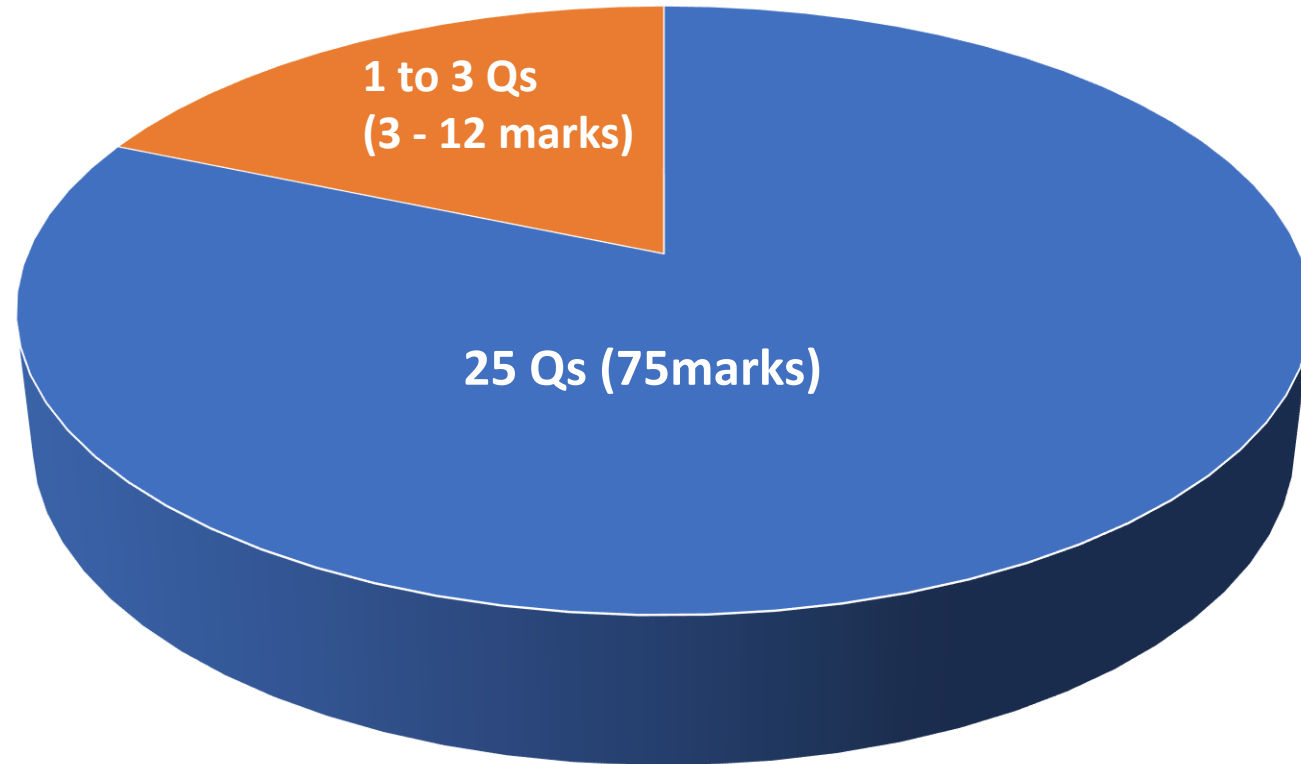
# EMBEDDED FIGURE

## AFCAT Non - Verbal Section Previous Years Q&A Analysis



# EMBEDDED FIGURE

## Expected No. of Questions & Marks Division



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

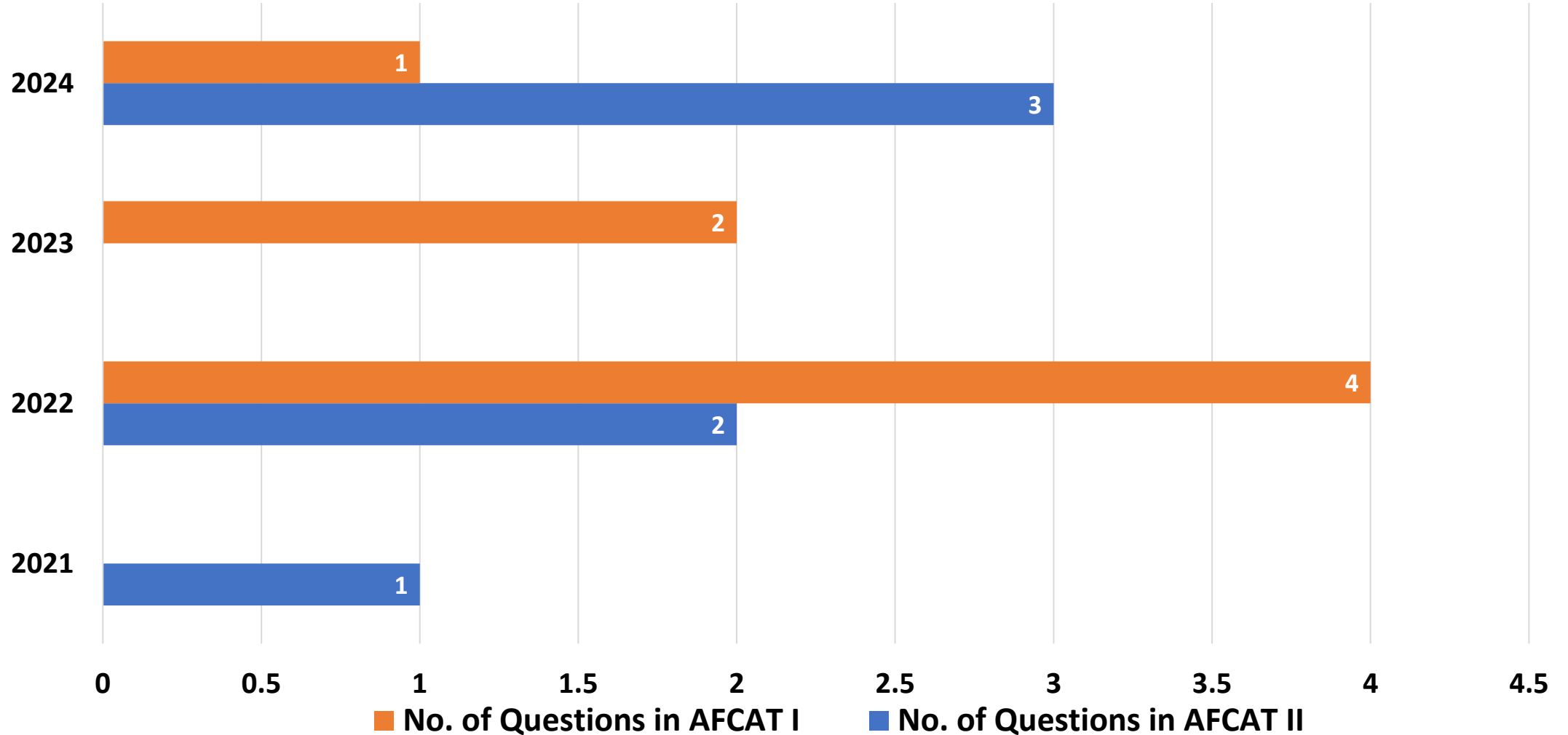
# EMBEDDED FIGURE

- In the questions based on hidden and embedded figures, you just need to check which figure contains the exact shape given in the question figure.
- Just don't rush, check carefully and you will easily find the correct figure.



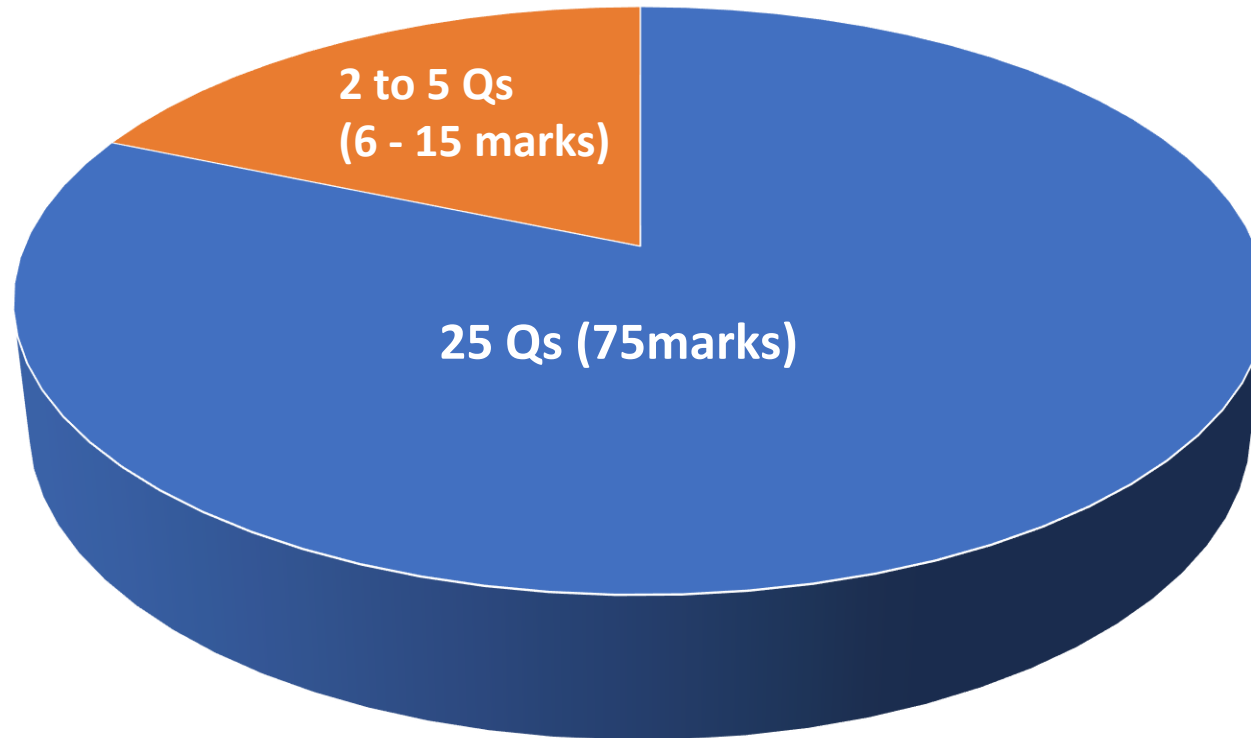
# DOT SITUATION

## AFCAT Non - Verbal Section Previous Years Q&A Analysis



# DOT SITUATION

## Expected No. of Questions & Marks Division

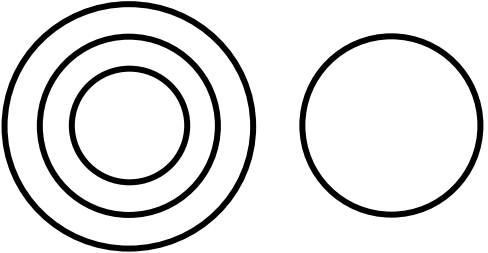
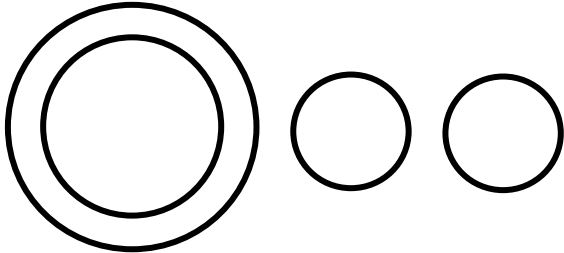
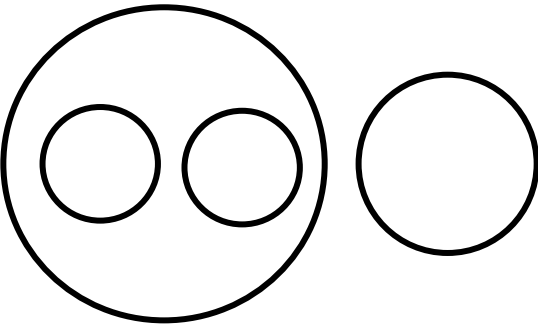
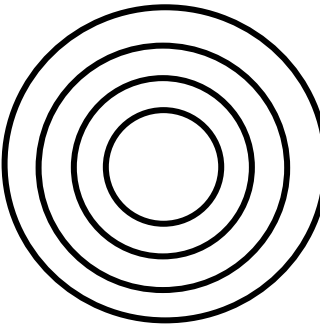


■ Total no. of Questions & Marks    ■ No. of Dot Situation & Marks (Approx.)

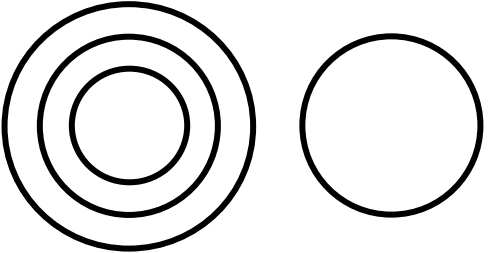
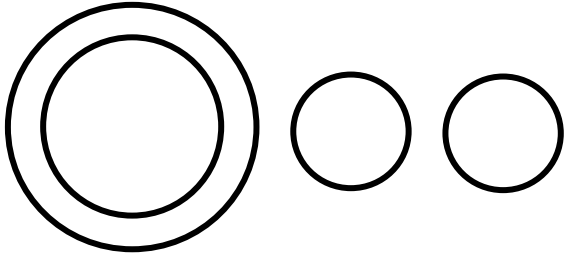
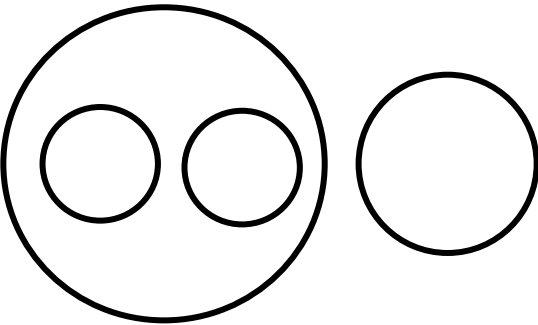
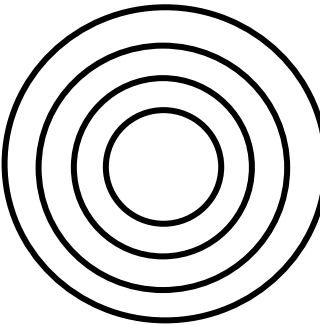
# DOT SITUATION

- Dot Situation is a very interesting topic as if you can solve one question right, you can solve all the questions right.
- So, practice a good number of questions as it can be tricky sometimes but if you know how to find the correct region you are all sorted.

Q. Milk, goat, cow, hen

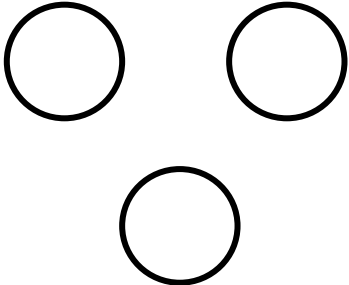
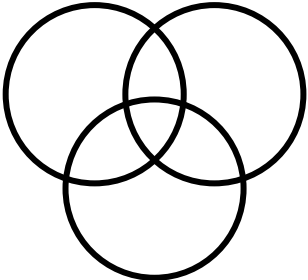
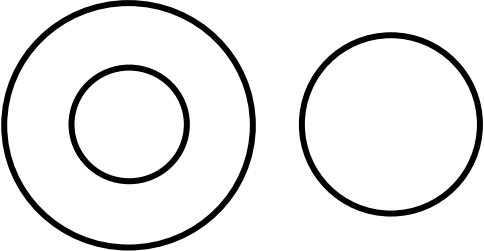
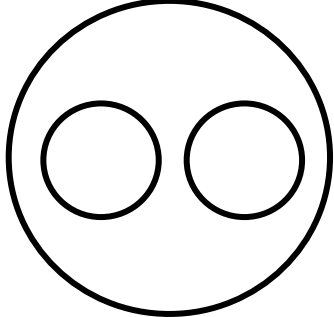
A.		B.	
C.		D.	

Q. Milk, goat, cow, hen

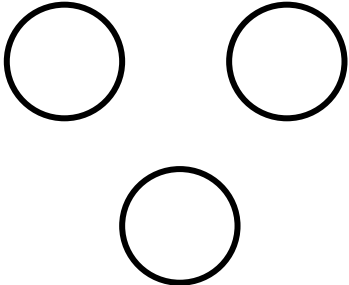
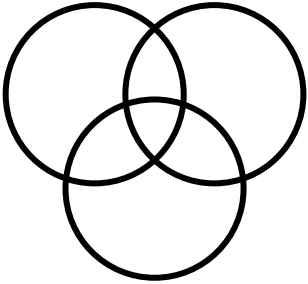
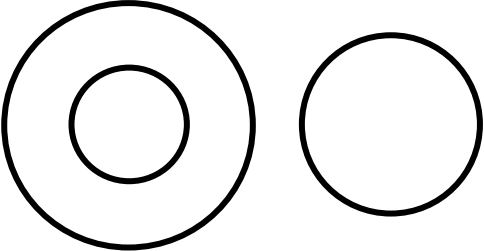
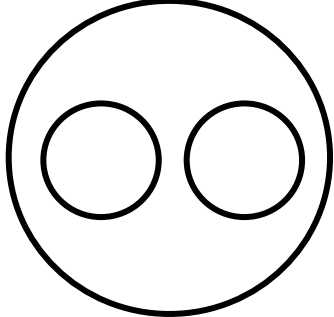
A.		B.	
C.		D.	

Ans: (c)

# Q. Tree, Plant, House

A.		B.	
C.		D.	

# Q. Tree, Plant, House

A.		B.	
C.		D.	

Ans: (c)

Suman walks 15 km towards North. She turns right and walks another 15 km. She turns right and walks another 15 km. In which direction is she from the starting point?

- (a) North
- (b) South
- (c) East
- (d) West



Suman walks 15 km towards North. She turns right and walks another 15 km. She turns right and walks another 15 km. In which direction is she from the starting point?

(a) North

(b) South

**(c) East**

(d) West

**Ans(c)**

Vijay travelled 12 km Southward, then turned right and travelled 10 km, then turned right and travelled 12 km. How far was Vijay from the starting point?

(a) 22 km

(b) 44 km

(c) 12 km

(d) 10 km

Vijay travelled 12 km Southward, then turned right and travelled 10 km, then turned right and travelled 12 km. How far was Vijay from the starting point?

(a) 22 km

(b) 44 km

(c) 12 km

**(d) 10 km**

**Ans(d)**

Q) Neelam, who is Rohit's daughter, says to Indu, your mother Reeta is the younger sister of my father, who is third child of Sohanji". How is Sohanji related to Indu?

- (a) Maternal uncle
- (b) Father
- (c) Grandfather
- (d) Father-in-law

- Q) Neelam, who is Rohit's daughter, says to Indu, your mother Reeta is the younger sister of my father, who is third child of Sohanji". How is Sohanji related to Indu?
- (a) Maternal uncle
  - (b) Father
  - (c) Grandfather
  - (d) Father-in-law

**Ans: (c)**

Q) C is the mother of A and B. If D is the husband of B, then what is C to D?

(a) Mother

(b) Aunt

(c) Mother-in-law

(d) Sister

Q) C is the mother of A and B. If D is the husband of B, then what is C to D?

- (a) Mother
- (b) Aunt
- (c) Mother-in-law
- (d) Sister

**Ans: (c)**

# Topics With One Or None Questions

## **NON - VERBAL REASONING**

- Paper Cutting and Folding
- Mirror And Water Images
- Figure matrix



# Important Tips

- Check the basic concepts of all the topics and try to cover them thoroughly.
- Cover all the previous years' Q&A lectures of each topic so that you can know the type of questions coming from each topic.
- Cover all the Sample Practice Q&A lectures and practice a very good number of questions.
- Solve previous years' questions not only of AFCAT but of other competitive exams also like SSC CGL and Bank PO etc. as it will prepare you to face new or some out of the box questions also.

# Important Tips

- Always start your paper with the reasoning section as the questions will be of easy level and will build a very good confidence for the rest 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.

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