

DAY 05

MCA CET 2025 REASONING SERIES



INEXORABLE
MAH MCA CET 2025
FREE CRASH COURSE



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FOR MAH MCA CET 2025



Series

Sequence of numbers or words are given and we need to find the logical order between them



TYPES OF QUESTIONS:

1. Find the missing number or word
2. Find the odd number or word.

wrong



Number Series

Series formed by numbers.

Ex.

3, 7, 11, 15, 19, x

1, 8, 27, 54, 125, x

Subtract

Pattern

\oplus , \ominus , \otimes , \div

\Rightarrow sq. & cubes

$1^2, 2^2, 3^2, \dots$

\Rightarrow $x+1$
 $x+2$
 $x+3$

\Rightarrow Prime numbers.



Alphabet Series

Series formed by words.

ABC, DEF, GHI

Ex. AZ, BY, CX, DW, EV, FU



Continuous letter series

ab / ab / ab / ab

ab / abba / ab / abba /
— .

Series formed by letters.

Ex.

ab __ b _ bab _ ab _ b _



Alpha-Numeric Series

N/A/W/C

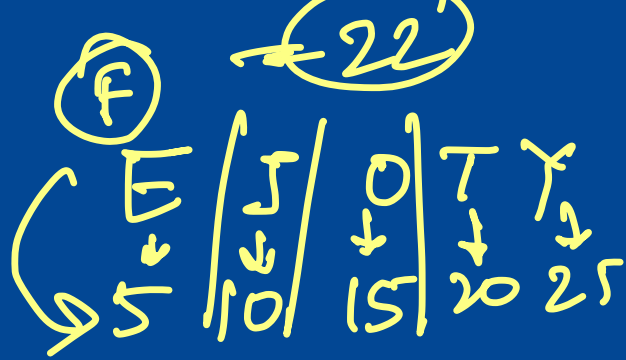
Series formed by letters, numbers and symbols.

A1J

C2H

D3F

?



$$F + B = \underline{\underline{27}}$$

Remember place values of Alphabets of English

1) Alphabet Position

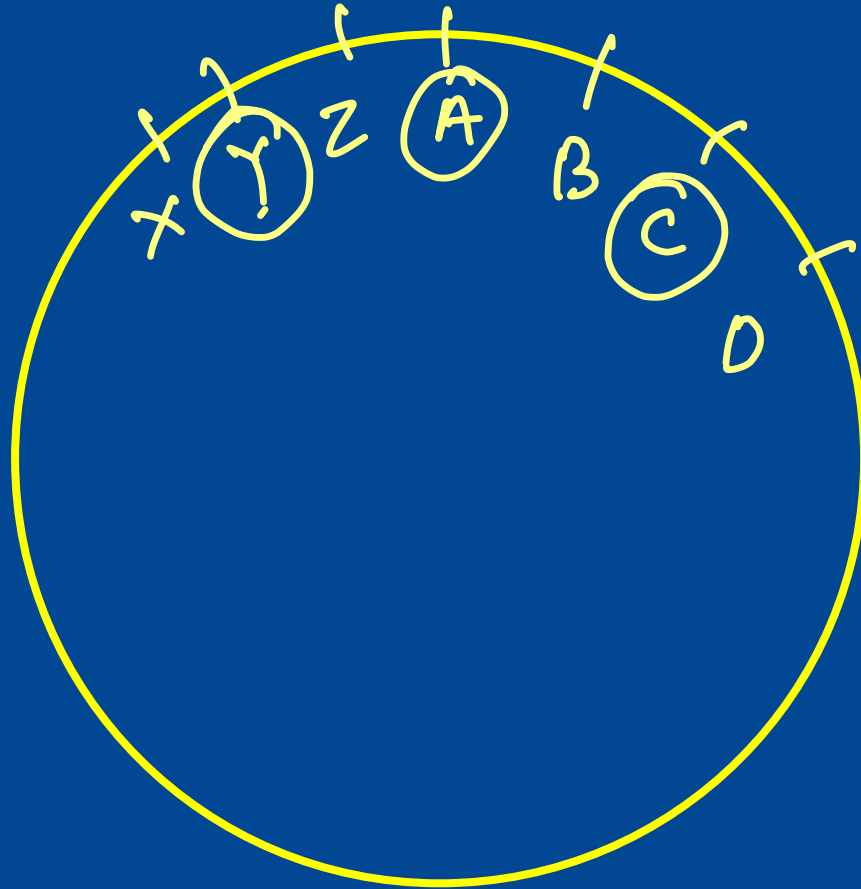
Alphabet	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z
Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26

2) Backward Alphabet Position

Reverse Alphabet	Z	Y	X	W	V	U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A
Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26



Circular pattern of Alphabets





28
11 39 123 375 1131 ?

252

A

a. 3399

b. 3499

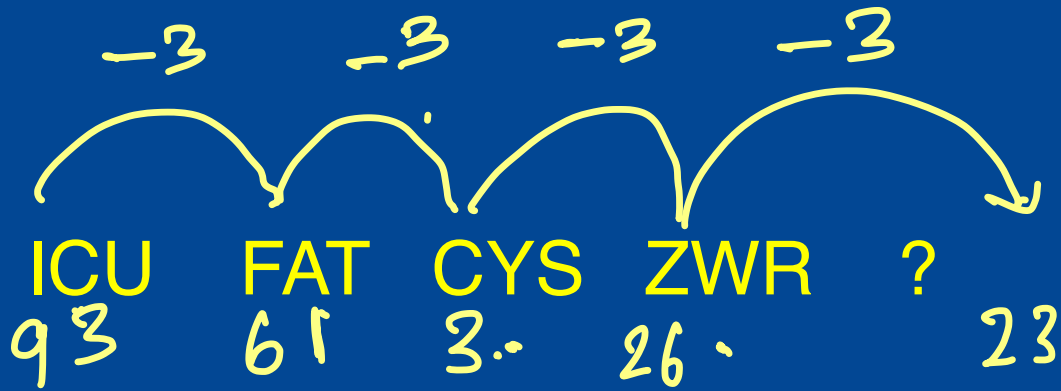
c. 3187

d. 3417

756
x 3

=

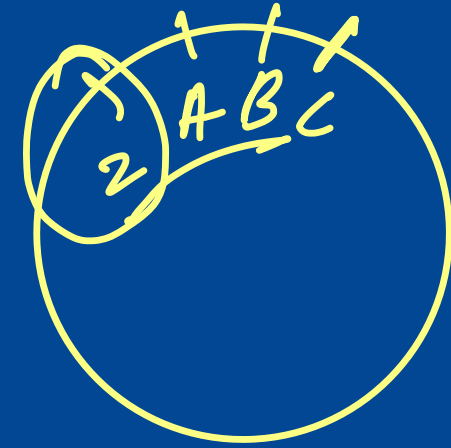
2268
1131
3399

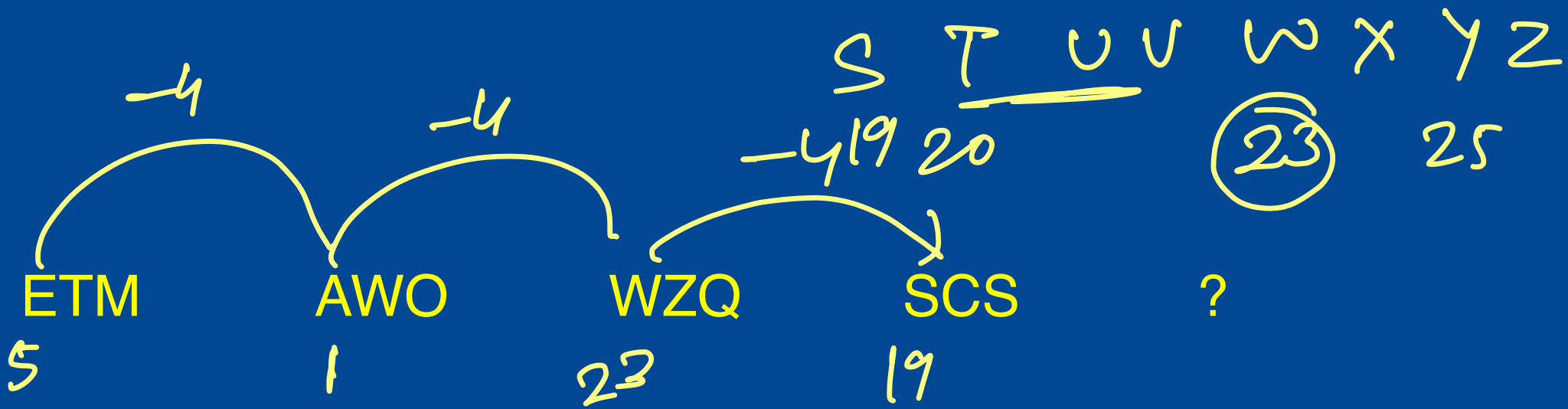


- a. VTR
- b. VST
- c. WVS
- d. WUQ

WU

T U V W
23

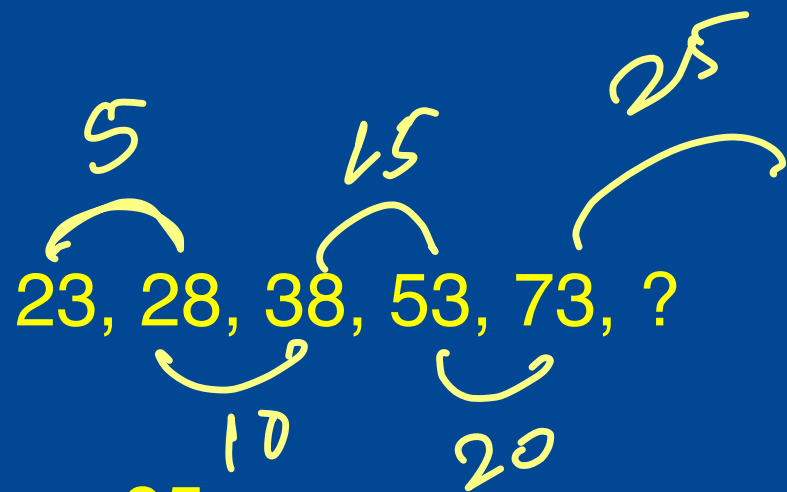




- a. MEU
- b. NEV
- c. OFU
- d. MEV

15

E I O T Y
15



a. 95

b. 91

c. 101

d. 98



14 350
2, 16, 86, 436, 2186, ?

a. 10578

b. 11032

c. 11486

d. 10936

70
1750 x 5

$$\begin{array}{r} 1 \\ = 8750 \\ 2186 \\ \hline 10936 \end{array}$$



M N O P Q R S T U V W

WWVU, USTQ, ?, QKPI, OGNE

S O R

a. ~~SROM~~

b. ~~SORM~~

c. SORM

d. SORW

C



I K M O
HVP, JZO, LDN, NHM, ? P

- ~~a. PLL~~
- b. NLN
- c. MLM
- d. OLL



QSRPRQ

PQRRSPQRRSPQRRSPQRRS

PQRRS

a. QSRPRQ

b. SQRRRPQ

c. SQRRQPR

d. RQPQRSQ

A



+1 + 81
13, 14, -2, 79, -177, ?
 -16 -256

a. 608

b. 528

c. 424

d. 448

+625 1, 16, 81, 256
1⁴, 2⁴, 3⁴, 4⁴, 5⁴

625 - 177
448

25 x 25
= 625

25²
↓ ↓
2 x 3 = 625



LKSA

KSLKALSAKS

LKSA | LKSA | LKSA | LKSA

a. KSLKALSAKS

b. ~~ASLKALSAKA~~

c. KSLKALSAKA

d. KSKKALSAKA

A
↙



B D F
ABD, CEI, EHN, ? GK

- CD PG IJ
a. GIM }
b. GHJ }
c. EJR
d. GKS |



22
173, 195, 217, 239, ?
22

22

22

a. 261

b. 259

c. 263

d. 260



B2CD, BC3D, BCD4, B5CD, BC6D

a. B2CD

b. ~~BCD2~~

c. BC3D

d. BCD3



baac/accb/cbba/baac/

baacaccbcbabaac

a. cbaba

b. abbbc

c. bbaac

d. aabba

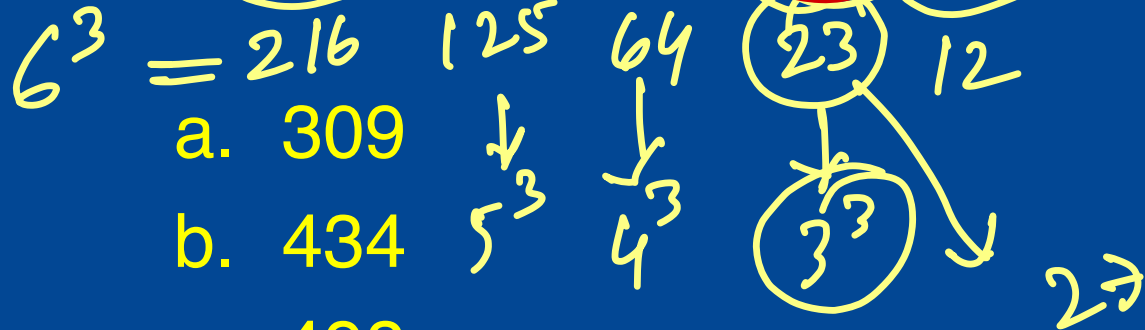


525

8 2³

Wrong number in series

93, 309, 434, 498, **521**, 533, ?



DAY 06

MCA CET 2025

ENGLISH

READING
COMPREHENSION



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