



 *Mahendra's*

UP Police कांस्टेबल

REASONING

PREVIOUS YEAR QUESTION PAPER



 **4:00 PM**

LIVE 



UPCOMING ONLINE BATCHES

January 2022

05 Jan 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

10:30 AM to 12:30 PM

SSC ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

05:30 PM to 07:30 PM

BANK ONLINE LIVE CLASS

BILINGUAL

12 Jan 2022

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

BANK ONLINE LIVE CLASS

05:30 PM to 07:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

19 Jan 2022

08:00 AM to 10:00 AM

BANK ONLINE LIVE CLASS

01:00 PM to 03:00 PM

BANK ONLINE LIVE CLASS

03:00 PM to 05:00 PM

SSC ONLINE LIVE CLASS

07:30 PM to 09:30 PM

SSC ONLINE LIVE CLASS

BILINGUAL

27 Jan 2022

10:30 AM to 12:30 PM

BANK ONLINE LIVE CLASS

07:30 PM to 09:30 PM

BANK ONLINE LIVE CLASS

08:00 AM to 10:00 AM

SSC ONLINE LIVE CLASS

01:00 PM to 03:00 PM

SSC ONLINE LIVE CLASS

BILINGUAL



TOPICS DISCUSSION

- Blood Relation(1Q)
- Coding-decoding(1-2Q)
- Sitting arrangement(2Q)
- Missing number(1-2Q)
- Alphabetical Series(1Q)
- Word formation(1Q)
- Number series(2Q)
- Analogy and classification (1Q)
- Direction(2Q)
- Blood relation(1Q)
- Venn diagram(1Q)

*Telegram channel: @ReasoningMahendraslive
@DeeptiMahendrasReasoning*

- Mirror image and water image(2Q)
- Figure embedded(1Q)
- Arithmetic reasoning(2Q)
- Clock(1Q)
- Calendar(1Q)
- Figure counting(1Q)
- Syllogism(2Q)
- Logical Reasoning(3Q)

12, 12, 18, 45, 180, ?

(A) 540

(B) 1070

(C) 920

~~(D) 1080~~

(E) None of these

$$\begin{array}{l} 12 \times (1) = 12 \\ 12 \times (1.5) = 18 \\ 18 \times (2.5) = 45 \\ 45 \times 4 = 180 \\ 180 \times 6 = 1080 \end{array}$$

$+0.5 \rightarrow 1$
 $+1 \rightarrow 1.5$
 $+1.5 \rightarrow 2.5$
 $+2 \rightarrow 4$
 $+2 \rightarrow 6$

225, 100, 36, 9, 1, ?

$(15)^2$ $(10)^2$ $(6)^2$ $(3)^2$ $(1)^2$ 0
-5 -4 -3 -2 -1

(A) 0

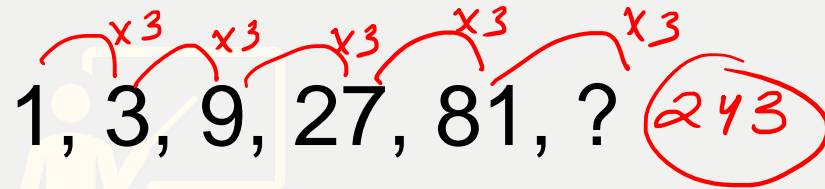
(B) -1

(C) 2

(D) -2

(E) 3

1, 3, 9, 27, 81, ? **243**



(A) 243

(B) 121

(C) 343

(D) 127

(E) None of these

17, 19, 25, 37, ?, 87

+2 +6 +12 20
4 6 8

57

a) 47

b) 37

c) 57

d) 67

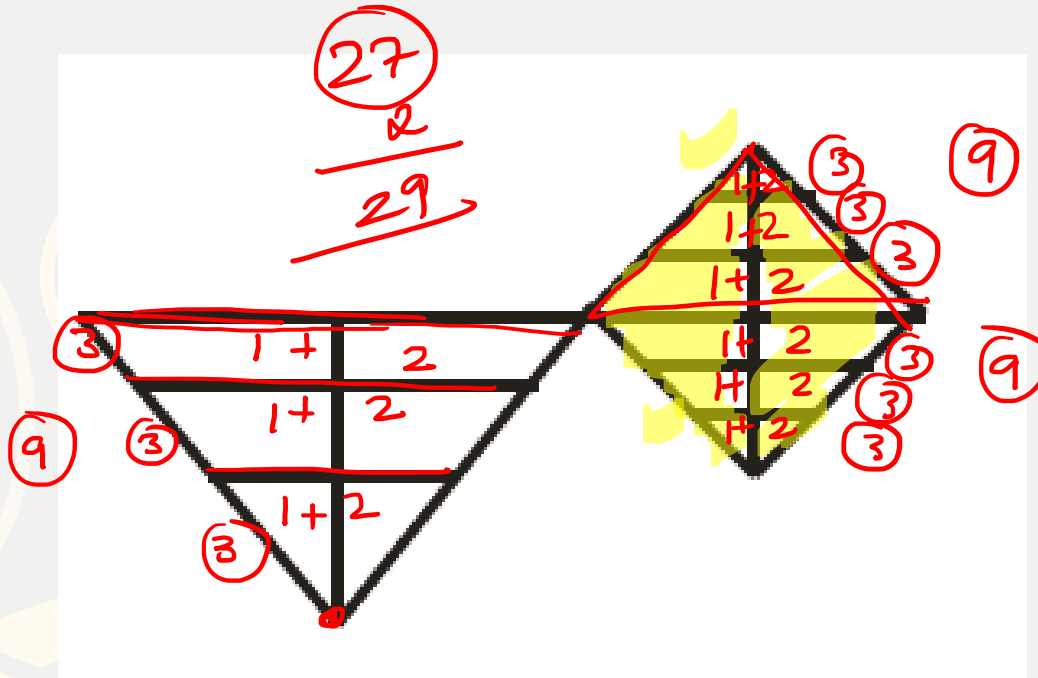
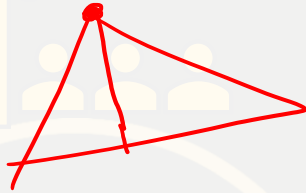
e) 75



How many triangles are present in the following figure?

निम्नलिखित आकृति में कितने त्रिभुज मौजूद हैं?

- (a) 27
- (b) 29
- (c) 31
- (d) 30



Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair.

Fan : Electricity

~~(a)~~ Cooler : Water

~~(b)~~ Petrol : Fuel

~~(c)~~ Bike : Kick

~~(d)~~ Vehicles : Diesel

पंखा : बिजली

(ए) कलर: पानी

(बी) पेट्रोल: ईंधन

(सी) बाइक: किक

(डी) वाहन: डीजल

The different position of the same dice are shown. How many dots will be on the top in four dots are at the bottom?

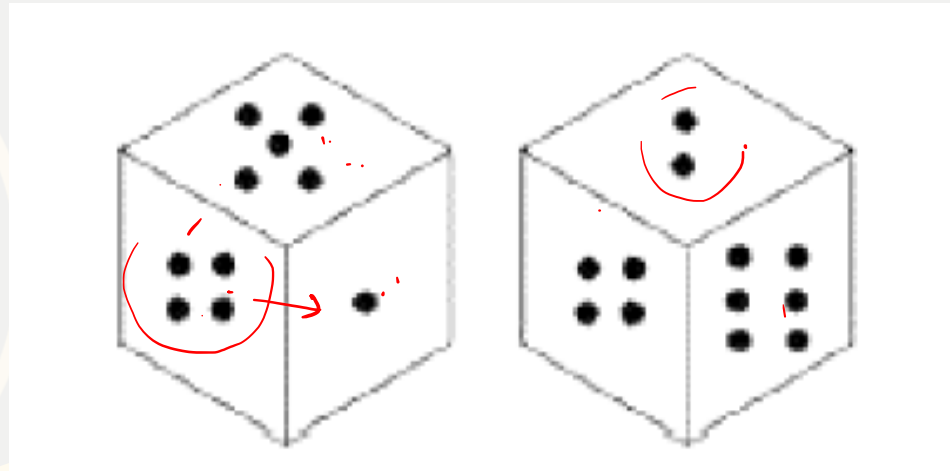
एक ही पासे की अलग-अलग स्थिति दर्शाई गई है। चार बिंदुओं में सबसे नीचे कितने बिंदु होंगे?

~~(a) 3~~

~~(b) 2~~

~~(c) 1~~

~~(d) 5~~



7:729

$$7 + 2 = (9)^3 = 729$$

(a) 8:1000

$$8 + 2 = (10)^3 = 1000$$

~~(b) 4:64~~~~(c) 5:125~~~~(d) 6:343~~

'Glaucoma' is related to 'Eyes' in the same way as 'Arthritis' is related to '_____'.


'ग्लौकोमा' का संबंध 'आंखों' से उसी प्रकार है जैसे 'गठिया' का संबंध '_____' से है।

(a) Liver लीवर

(b) Joints जोड़ों

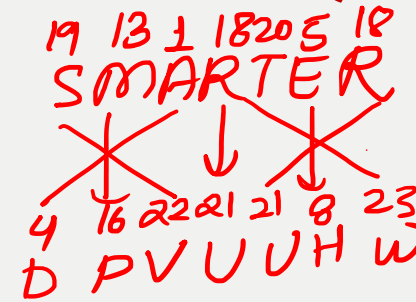
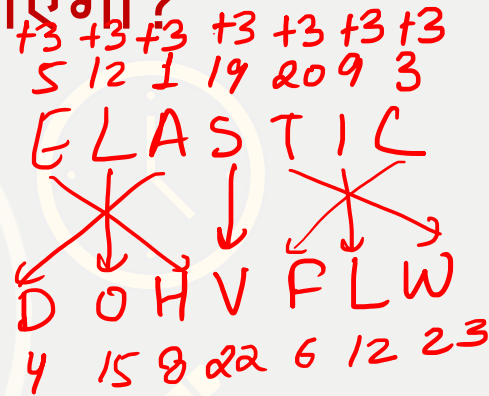
(c) Ears कान

(d) Arteries धमनियां

In a code language, ELASTIC is written as DOHVFLW. How will SMARTER be written as in that language?

एक कूट भाषा में ELASTIC को DOHVFLW लिखा जाता है। SMARTER को उसी भाषा में कैसे लिखा जाएगा?

- (a) DPVTUGW
- (b) DOTUUHX
- (c) EQVUUHW
- ~~(d) DPVUUHW~~



If MAGENTA is coded as 1317514201, then how will VISCOUS be coded as?

यदि MAGENTA को 1317514201 के रूप में कोडित किया जाता है, तो VISCOUS को किस प्रकार कोडित किया जाएगा?

- (a) 218193162018
(b) ~~229193152119~~
(c) 239203152219
(d) 228193142118

Place value
MAGENTA
↓ ↓ ↓ ↓ ↓ ↓
(13) (17) (5) (14) (20) (1)

VISCOUS

22 9 19 3 15 21 19

2-30
CQHL: FTEI: :: OPAR: ?

(a) RTYO

(b) RSXO

(c) RSXP

(d) YTXO

	3	17	8	12	15	16	
	C	Q	H	L	O	P	A R
	+3	+3	-3	-3	+3	+3	-3 -3
	F	T	E	I	R S X O		
	6	20	5	9			

Three of the following four numbers are alike in a certain way and one is different. Pick the number that is different from the rest.

निम्नलिखित चार संख्याओं में से तीन एक निश्चित तरीके से समान हैं और एक अलग है। वह संख्या चुनिए जो अन्य से भिन्न हो।

(a) 173

(b) 179

(c) 181

~~(d)~~ 183

Prime
no.

Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.

निम्नलिखित चार अक्षर-समूहों में से तीन एक निश्चित तरीके से समान हैं और एक अलग है। विषम को चुनें।

(a) BCEH

B C E H
2 3 5 8
+1 +2 +3

(b) KLNQ

K L N Q
11 12 14 17
+1 +2 +3

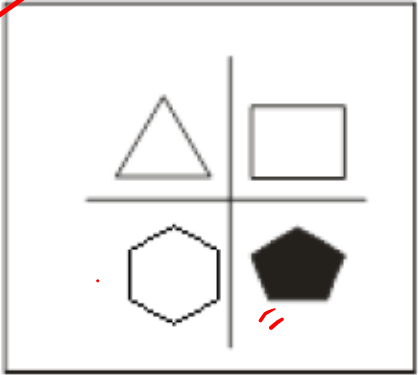
(c) TUWZ

T U W Z
20 21 23 26
+1 +2 +3

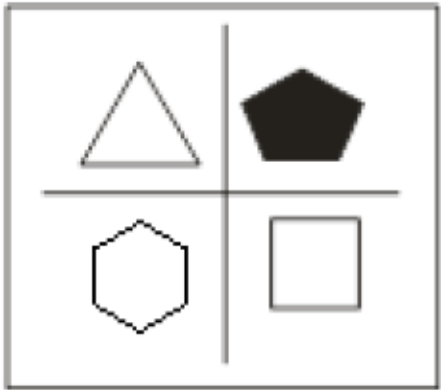
~~(d) LMPS~~

L M P S
12 13 16 19
+1 +3 +3

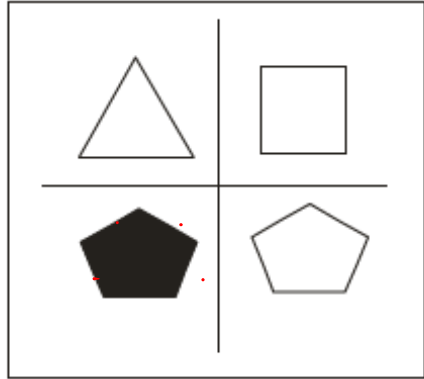
~~(a)~~



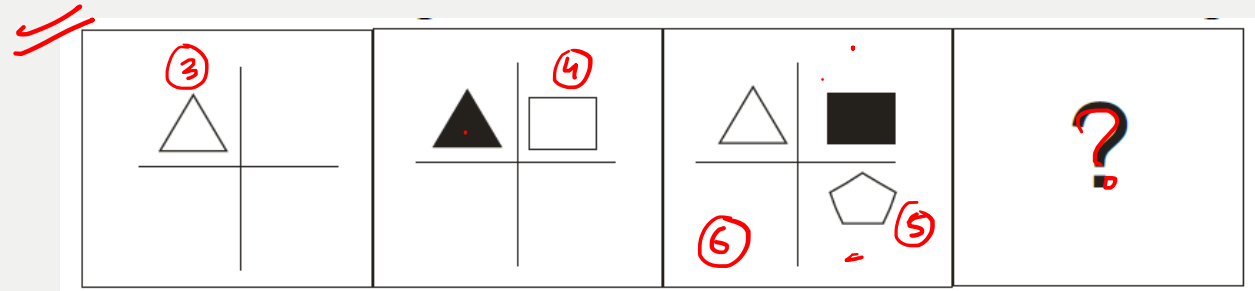
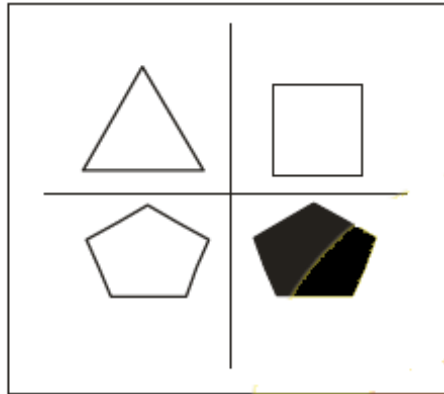
(b)



~~(c)~~



~~(d)~~



Statements:

All breads are cakes.

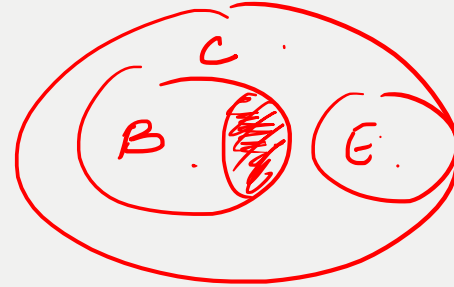
All eggs are cakes.

Conclusions:

I. Some cakes are breads. DT

II. Some breads are eggs. (end)

-ve III. No bread is an egg. (end)



कथन: सभी ब्रेड केक हैं।

सभी अंडे केक हैं।

निष्कर्ष:

I. कुछ केक ब्रेड हैं।

II. कुछ ब्रेड अंडे हैं।

III. कोई ब्रेड एग नहीं है।

(a) All the conclusions follow.

~~(b)~~ Conclusion I and either conclusion II or III follow.

(c) Only conclusions I and II follow.

(d) Only conclusions I and III follow.

Select the correct mirror image of the given combination when the mirror is placed to the right.

*Left → Right
Right → Left*

U K R 4 e d m 8

~~(a)~~

8 m b e 4 R K U

water

(b)

8 m b e 4 R K U

~~(c)~~

8 m b e 4 R K U

water

~~(d)~~

8 m b e 4 R K U

water -

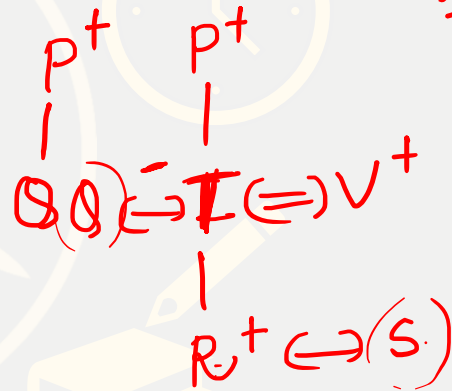
P is the father of Q and the grandfather of R, who is the brother of S. S's mother, T, is married to V. T is the sister of Q.

How is V related to S?

P, Q का पिता है और R का दादा है, जो S का भाई है। S की माता, T, का विवाह V से हुआ है। T, Q की बहन है। V, S से किस प्रकार संबंधित है?

- (a) Nephew
- (b) Brother-in-law
- (c) Daughter
- (d) None of these

Father



T
|
S

Statement :

Some actors are singers.

All the singers are dancers.

Conclusions :

(I) Some actors are dancers **DT**

(II) No singer is actor. **DF**

कथन :

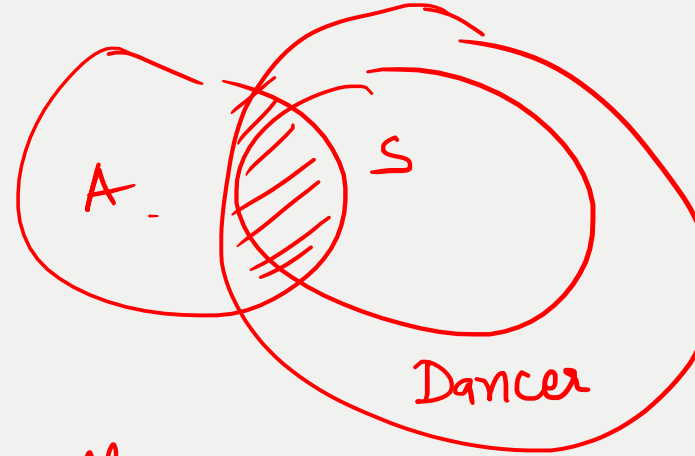
कुछ अभिनेता गायक हैं।

सभी गायक नर्तक हैं।

निष्कर्ष:

(I) कुछ अभिनेता नर्तक हैं।

(II) कोई गायक अभिनेता नहीं है।



Only I follow

Statement :

All the harmoniums are instruments.

All the instruments are flutes.

Conclusions :

(I) All the flutes are instruments. *end*

(II) All the harmoniums are flutes. *DT*

कथन :

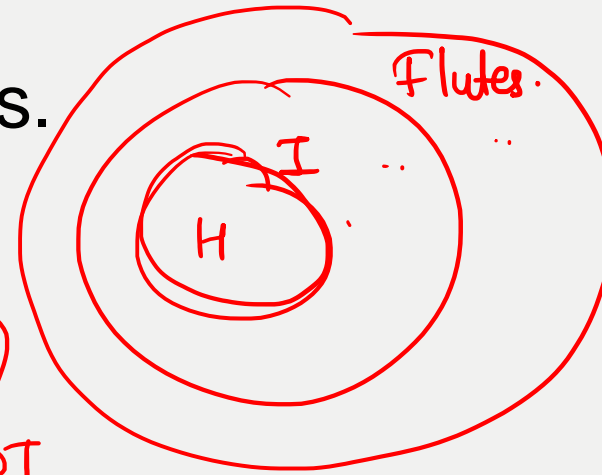
सभी हारमोनियम यंत्र हैं।

सभी यंत्र बांसुरी हैं।

निष्कर्ष:

(I) सभी बांसुरी यंत्र हैं।

(II) सभी हारमोनियम बांसुरी हैं।



only 2 follow

Which number will replace the question mark ?

- ~~(A) 13~~
(B) 6
(C) 17
(D) 22

$$x + 13 + 15 = 41$$
$$x = 41 - 28$$
$$= \textcircled{13}$$

R_1	?	13	15 = 41
R_2	9	+ 28	+ 4 = 41
R_3	<u>13</u>	+ 12	+ 16 = 41

Which number will replace the question mark ?

- (A) 1084
- (B) 484
- (C) 271
- ~~(D) None of these~~

$\frac{23+26}{(23)^2}$?	$\frac{13+12}{(13)^2}$ 25	$\frac{7+9}{(9)^2}$ 16
529	169	81
$(26)^2$ 676	$(12)^2$ 144	$(7)^2$ 49

'A+B' means 'A' is the brother of B'.

'A-B' means 'A' is the husband of B'.

'A×B' means 'A' is the mother of B'.

'A÷B' means 'A' is the sister of B'.

If $(P+R÷T-K×O)×C$, then how is P related to O?

(a) Paternal Grandfather

(b) Father

~~(c) Paternal Uncle~~

(d) Brother

$P^+ (R^- \Rightarrow T^+ \in) K^-$
|
O

'A+B' का अर्थ है 'A' B का भाई है।

'A-B' का अर्थ है 'A' B का पति है।

'A×B' का अर्थ है 'A', B की माता है।

'A÷B' का अर्थ है 'A', B की बहन है।

यदि $P+R÷T-K×O×C$, तो P, O से किस प्रकार संबंधित है?

(ए) पैतृक दादा

(बी) पिता

(सी) पैतृक चाचा

(डी) भाई

Distance Direction

Two army trucks start from same army base, 1st truck travels 11 km south, then turn to left and travel 19 km. 2nd truck travels 11 km west, then turns to its right and travel 5 km. Find the shortest distance between the final positions of both the truck?

- a) 36 km
- b) 32 km
- c) 17 km
- d) 34 km

HW

Comment

4:00

Reasoning

Like, share

