



 *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)

If in a certain code, COATED is written as X41G2W, then how will ORIENTAL be written in that code?

यदि एक निश्चित कूट भाषा में COATED को X41G2W लिखा जाता है, तो उसी कूट भाषा में ORIENTAL को कैसे लिखा जाएगा?

- (A) 1432MGZO
- ~~(B) 4I32MG1O~~
- (C) 4I32NGZP
- (D) 1432NGZP

C	O	A	T	E	D
↓			↓		↓
X	4	1	G	2	W

O	R	I	E	N	T	A	L
↓	↓	↓	↓	↓	↓	↓	↓
4	I	3	2	M	G	1	O

Consonant → opposite letter

A → 1
 E → 2
 I → 3
 O → 4
 U → 5

Choose the one from the following which is different from the other according to some rule ?

Copper, Zinc, Brass, Iron

निम्नलिखित में से उस एक को चुनिए जो किसी नियम के अनुसार दूसरे से भिन्न है?

तांबा, जस्ता, पीतल, लोहा

(a) Zinc

(b) Copper

(c) Iron

~~(d) Brass~~ *alloy*

metal

Which word can be formed from the letters of the following word ?

निम्नलिखित शब्द के अक्षरों से कौन सा शब्द बनाया जा सकता है?

VENTURESOME

(a) ~~R~~OSTRUM

(b) TRAVERSER

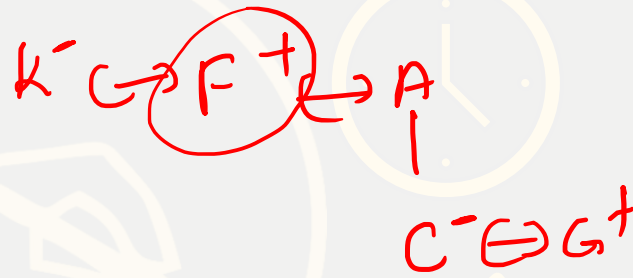
~~(c)~~ SERMON

~~(d)~~ SEVENTEEN

F is the brother of A. C is the daughter of A. K is the sister of F. G is the brother of C. Who is the uncle of G ?

F, A का भाई है। C, A की बेटी है। K, F की बहन है। G, C का भाई है। G का चाचा कौन है?

- (a) A
- (b) C
- ~~(c) F~~
- (d) K



The angle between the minute hand and the hour hand of a clock when the time is 4:20 is

समय 4:20 होने पर घड़ी की मिनट की सुई और घंटे की सुई के बीच का कोण है

- (a) 5°
- (b) 10°
- (c) 20°
- (d) 0°

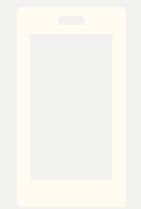
4:20

$$\theta = \left| \frac{11 \times M}{2} - 30H \right|$$

$$= \left| \frac{11 \times 20}{2} - 30 \times 4 \right|$$

$$= |110 - 120|$$

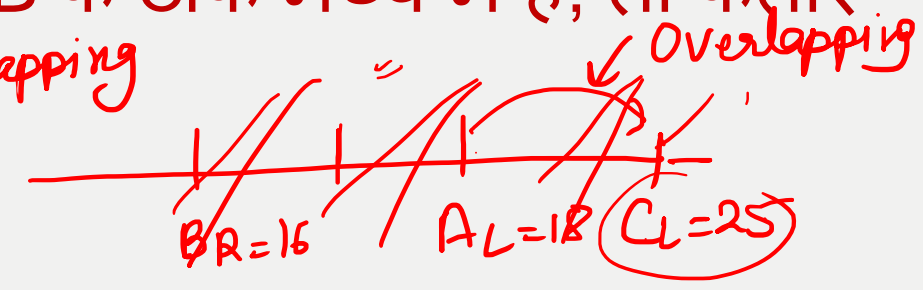
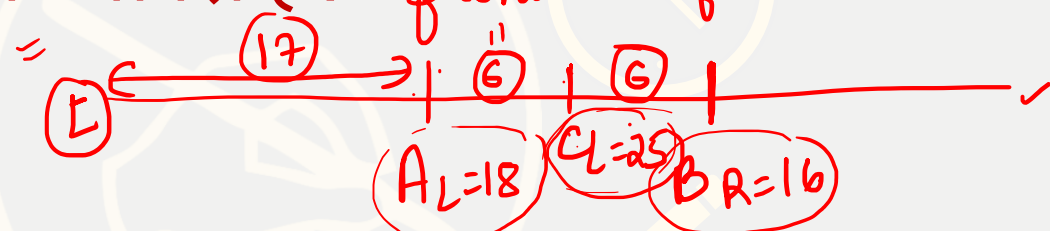
$$= |-10^\circ| = 10^\circ$$



In a Queue, A is eighteenth from the front while B is sixteenth from the end. If C is twenty-fifth from the front and is exactly in the middle of A and B, then how many persons are there in the Queue ?

एक कतार में, A सामने से अठारहवें स्थान पर है जबकि B अंत से सोलहवें स्थान पर है। यदि C सामने से पच्चीसवां है और A और B के ठीक मध्य में है, तो कतार में कितने व्यक्ति हैं?

- ~~(a) 47~~
- (b) 46
- (c) 45
- (d) 48



$T = L + R - 1$

$C_R = 16 + 7 = 23$
 $\Rightarrow T = 25 + 23 - 1 = 48 - 1 = 47$

If in a certain code 'DOWN' is written as '3 @ 9 #' and 'NAME' is written as '# 6 % 5', how is 'MODE' written in that code?

यदि एक निश्चित कोड में 'DOWN' को '3 @ 9#' लिखा जाता है और 'NAME' को '# 6% 5' लिखा जाता है, तो उस कोड में 'MODE' कैसे लिखा जाएगा?

- (a) % 6 5 3
- (b) % @ 3 #
- (c) 6 % 5 3
- ~~(d) % @ 3 5~~

Direct coding

D O W N
3 @ 9 #

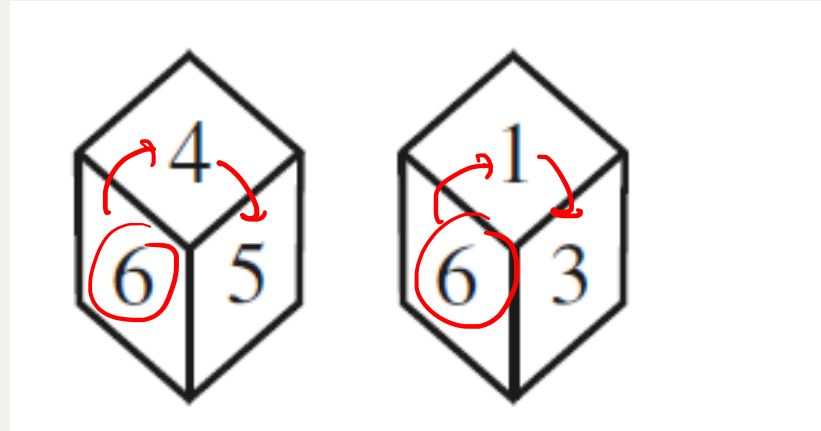
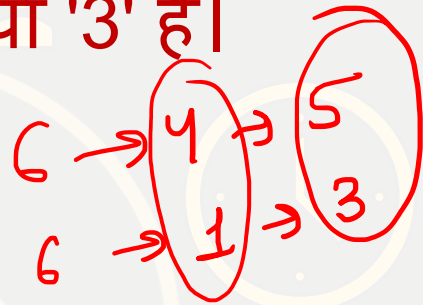
N A M E
6 % 5

M O D E
↓
% @ 3 5

Two positions of a dice are shown below. Identify the number at the bottom when the number at the top is '3'.

एक पासे की दो स्थितियाँ नीचे दर्शाई गई हैं। नीचे की संख्या की पहचान करें जब शीर्ष पर संख्या '3' है।

- (a) 2
- (b) 4
- ~~(c) 5~~
- (d) None of these



If 8th December, 2007 was Saturday, which day of the week was 8th December, 2006 ?

यदि 8 दिसंबर, 2007 को शनिवार था, तो सप्ताह का कौन सा दिन 8 दिसंबर, 2006 था?

(a) Saturday

(b) Friday

(c) Monday

(d) Tuesday

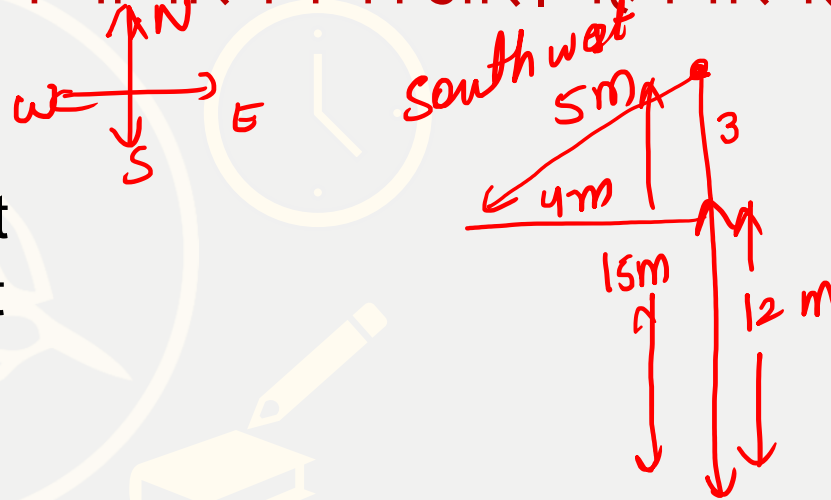
8 Dec 2007 → Saturday - 1
8 Dec 2006 → ? Friday
same 2007 → 1

A man walks 15 m towards South from a fixed point. From there he goes 12 m. towards North and then 4 m towards West. How far and in which direction is he from the fixed point ?

distance

एक व्यक्ति एक निश्चित बिंदु से दक्षिण की ओर 15 मी चलता है। वहां से वह 12 मी. उत्तर की ओर और फिर 4 मी पश्चिम की ओर। वह निश्चित बिंदु से कितनी दूर और किस दिशा में है?

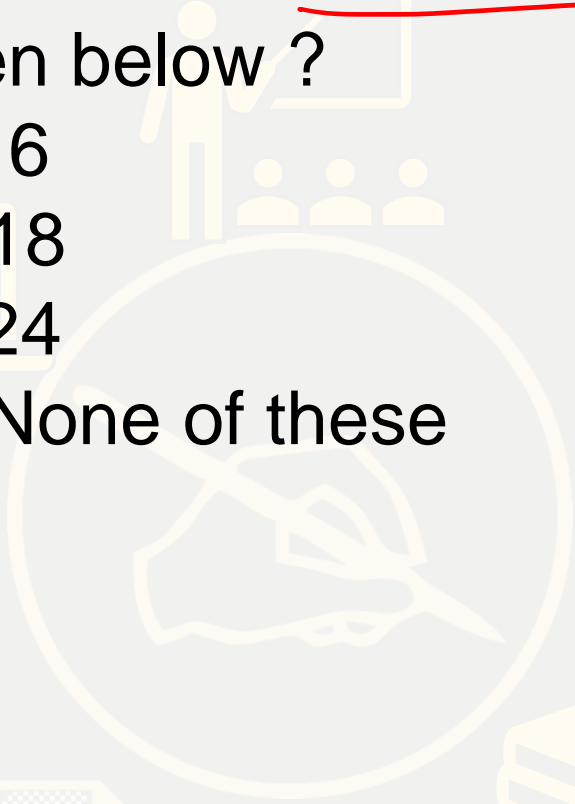
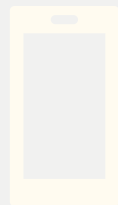
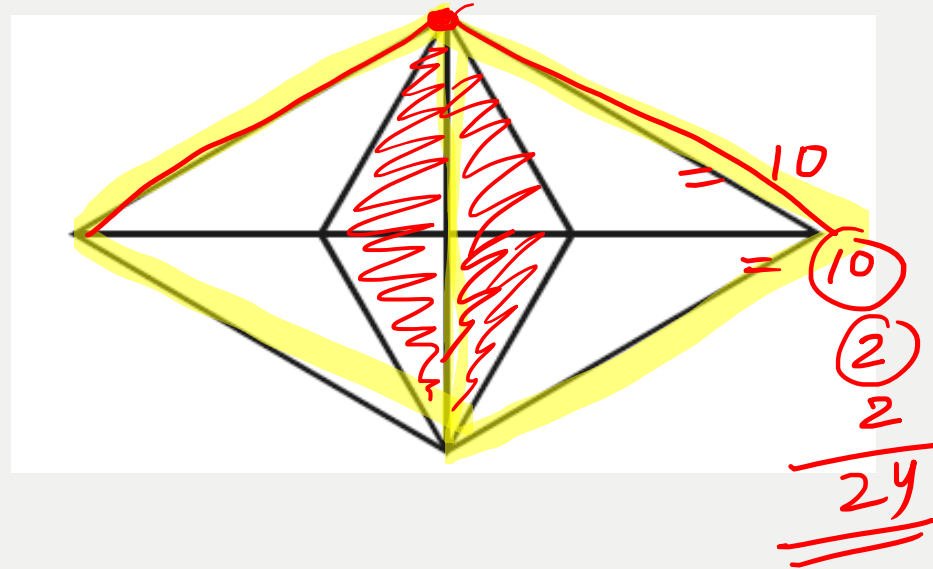
- (a) 3 m South
- (b) 7 m South-West
- (c) 5 m South-West
- (d) 5 m South-East



Ans

What is the total number of triangles in the figure given below ?

- (a) 16
- (b) 18
- ~~(c) 24~~
- (d) None of these



Select the set of numbers that is similar to the following set of numbers.

$$\Rightarrow \{15, 21, 27\}$$

$$15 \xrightarrow{+6} 21 \xrightarrow{+6} 27$$

$$1. \{40, 55, 75\}$$

(Handwritten: +15, +20)

$$2. \{20, 28, 36\}$$

(Handwritten: +8, +8)

$$3. \{25, 40, 56\}$$

(Handwritten: +15, +16)

$$4. \{12, 24, 32\}$$

(Handwritten: +12, +8)

Find the missing term in the following series :

C1L, F4O, I9R, L16U, ? **O25X**

C F I L O R U X

1² 2² 3² 4²

(a) N25X

(b) O25X

(c) N25Y

(d) N20Z

Find the missing term (?) in the following series :

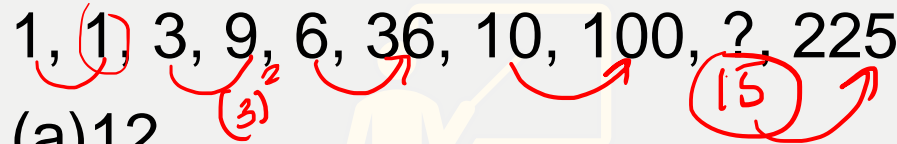
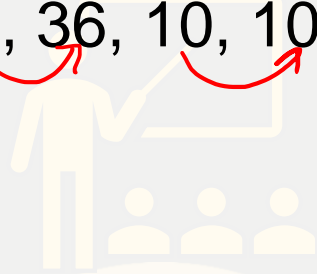
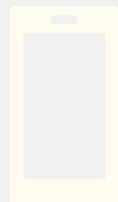
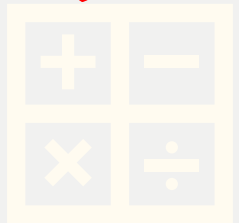
1, 1, 3, 9, 6, 36, 10, 100, ?, 225

(a) 12

(b) 13

(c) 14

~~(d) 15~~



Find the missing number in the following series :

3624, 4363, 3644, 4563, 3664, ?

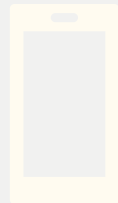
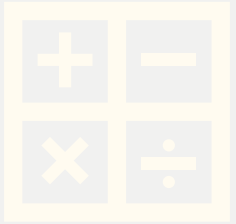
(a) 4363

(b) 4563

~~(c) 4763~~

(d) 4263

Handwritten analysis of the series: $4363, 4563, ?$
Arrows indicate a pattern of $+200$ between terms: $4363 \xrightarrow{+200} 4563 \xrightarrow{+200} ?$
The missing term is circled in red as 4763 .



Which number will replace the question mark (?) in the following :

$$\begin{array}{l} 7 \rightarrow 11 \rightarrow 13 \\ \rightarrow 17 \rightarrow 19 \rightarrow 23 \\ \rightarrow 29 \rightarrow 31 \rightarrow ? \end{array}$$

(a) 30

(b) 33

~~(c) 37~~

(d) 35

Three of the following four number-pairs are alike in a certain way and one is different. Find the odd one out.

निम्नलिखित चार संख्या-जोड़ों में से तीन एक निश्चित तरीके से समान हैं और एक अलग है। विषम चुनें।

1. ~~14~~ : 94

2. 12 : 72

3. 6 : 18

4. 8 : 32

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.

Request → Order
similar Request → opposite order

1. Summer : Heat

2. Think : Thought

~~3. Whisper : Shout~~

4. Clean : Wash

आदेश : अनुरोध

1. गर्मी : गर्मी

2. सोचो : विचार

3. कानाफूसी : चिल्लाना

4. साफ : धोना

Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.

- ~~1.~~ Probation परिवीक्षा
- ~~2.~~ Selection चयन
- ~~3.~~ Application आवेदन
- ~~4.~~ Confirmation पष्टि
- ~~5.~~ Appointment नियुक्ति

Application → select → Appointment → Probation → Confirmation

1. 3, 2, 5, 4, 1
2. 4, 1, 3, 2, 5
- ~~3.~~ 3, 2, 5, 1, 4
4. 5, 1, 4, 2, 3

Which letter will replace the question mark (?) in the following series?

13 14 15 12 17 10 19 8

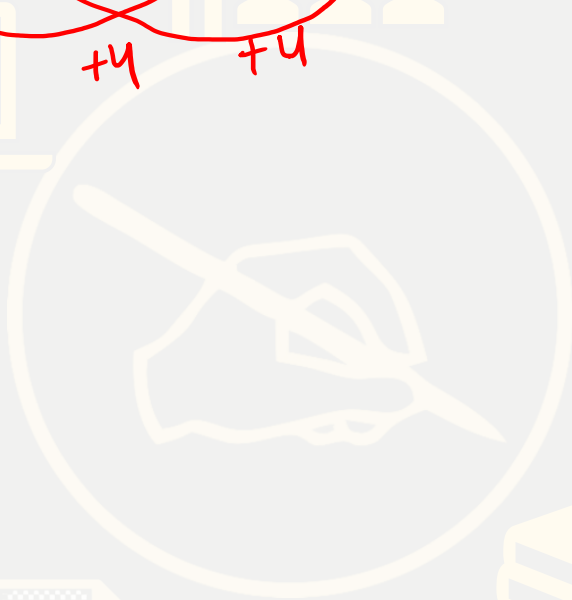
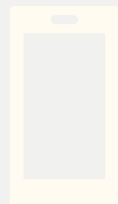
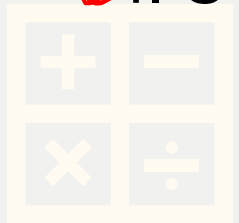
M, N, O, L, Q, J, ? , H

1. J

2. R

3. K

4. S



11 : 242

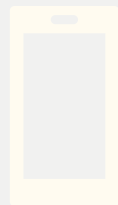
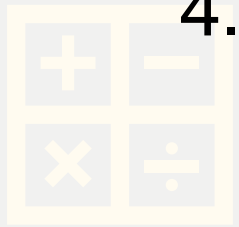
$$(11)^2 = 121 \times 2 = 242$$

~~1.~~ 15 : 375 $(15)^2 = 225 \times 2 =$

~~2.~~ 5 : 52 $(5)^2 = 25 \times 2 =$

~~3.~~ 8 : 128 $(8)^2 = 64 \times 2 = 128$

4. 9 : 729



'Cardiology' is related to 'Heart' in the same way as

'Pathology' is related to:

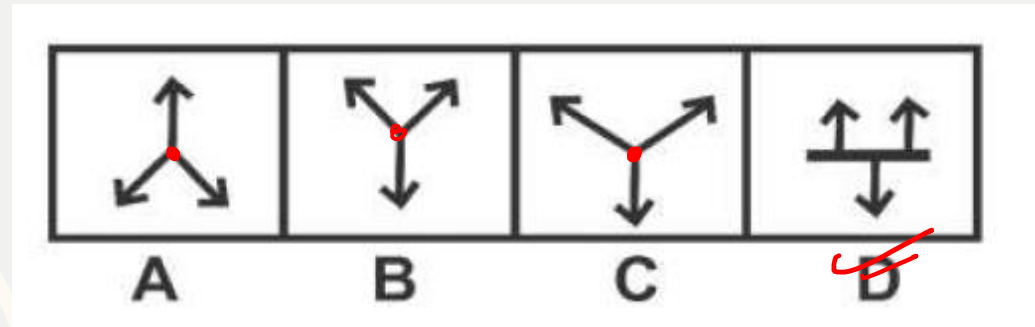
जिस प्रकार 'कार्डियोलॉजी' का सम्बन्ध 'हार्ट' से है, उसी प्रकार 'पैथोलॉजी' का सम्बन्ध किससे है?

1. Diseases
2. Man
3. Body
4. Soil

Imp UP Police

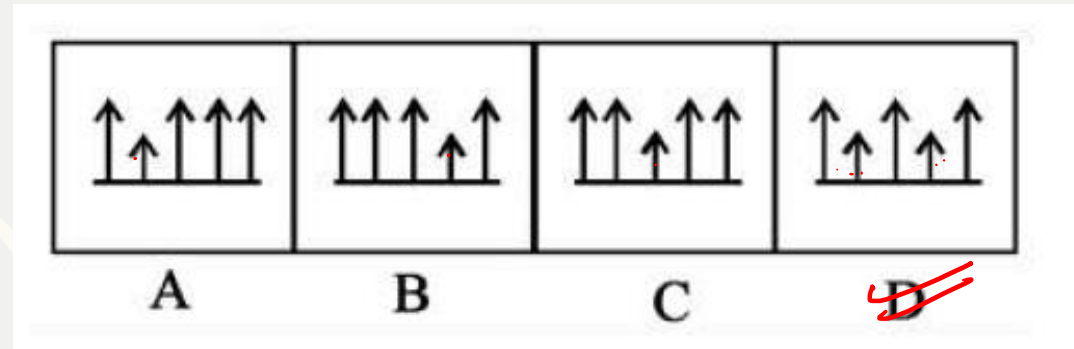
Choose the figure that is different from the rest:

- (A) A
- (B) B
- (C) C
- ~~(D) D~~



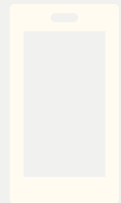
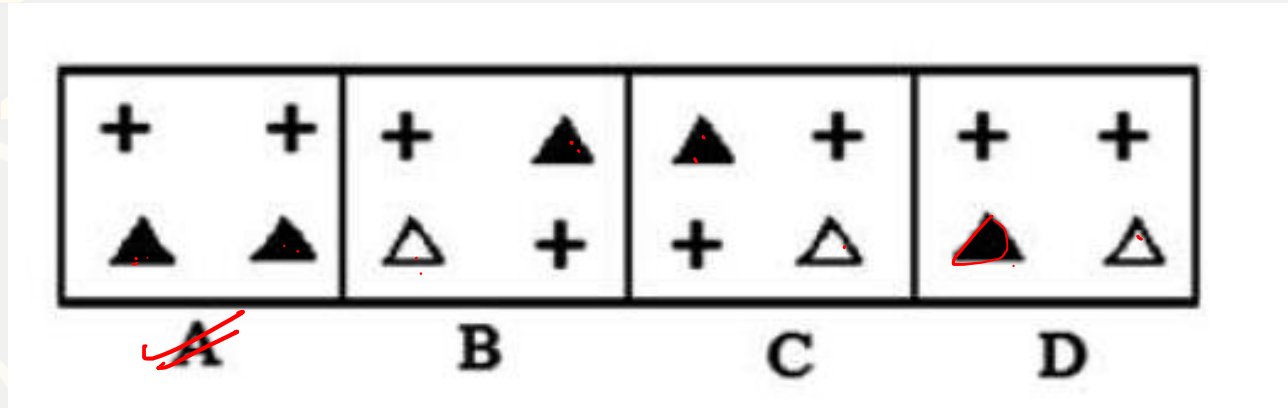
Choose the figure that is different from the rest:

- (A) A
- (B) B
- (C) C
- ~~(D) D~~



Choose the figure that is different from the rest:

- ~~(A) A~~
- (B) B
- (C) C
- (D) D



6, 11, 32, 111, 464, ?

~~(A) 2345~~

(B) 2475

(C) 2525

(D) 3050

$$6 \times 1 + 5 = 11$$

$$11 \times 2 + 10 = 32$$

$$32 \times 3 + 15 = 111$$

$$111 \times 4 + 20 = 464$$

$$464 \times 5 + 25 =$$

$$\textcircled{3} \quad 2320 + 25 =$$

2345

✓ 9 C N % D 4 7 # @ J U 6 I 5 V P Q **W** & 2 O 8 3 1 Z X E * G

L - L

R - R

R + L

L + R

Position
+
end

Q. Which of the following element is the third to the right of the fifteen from the left end of the above arrangement?

निम्नलिखित में से कौन सा तत्व उपरोक्त व्यवस्था के बाएं छोर से पंद्रह के दायें से तीसरे स्थान पर है?

$$3R + 15L = 18$$

different

left end

(1) #

(2) X

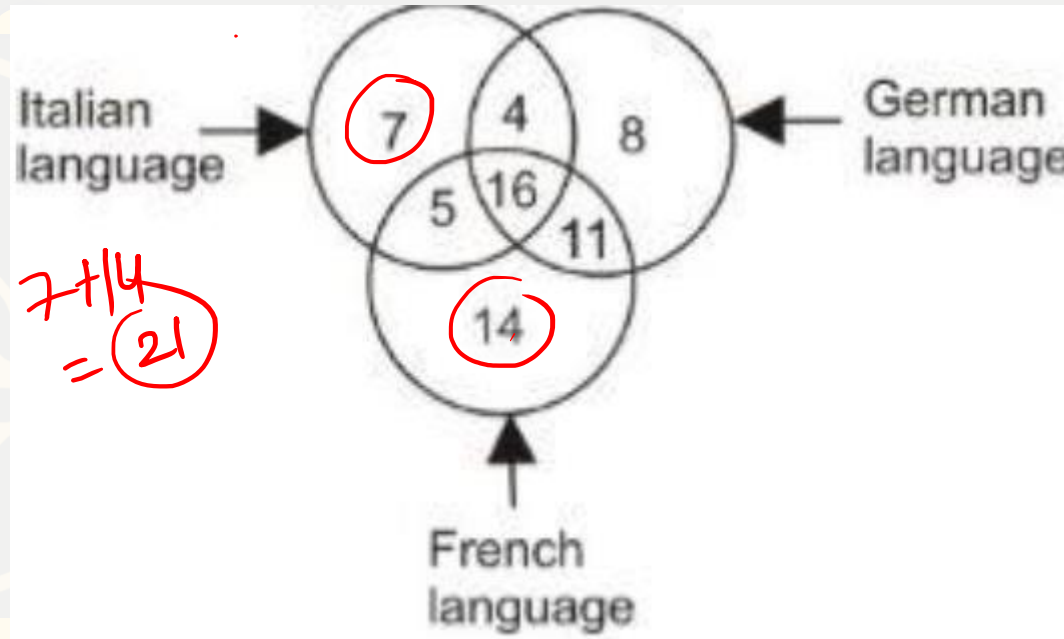
(3) Q

~~(4) W~~

In the given figure, how many people speak Italian and French language?

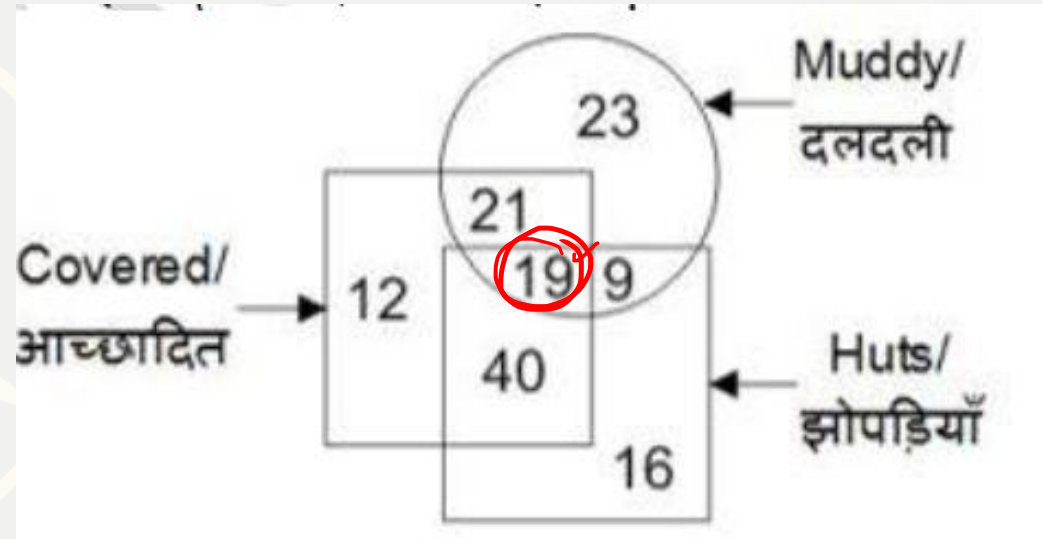
दी गई आकृति में, कितने लोग इतालवी और फ्रेंच भाषा बोलते हैं?

- ~~(a) 21~~
- (b) 16
- (c) 27
- (d) 20



In the given figure, how many hunts are covered and muddy?
 दी गई आकृति में, कितने शिकार ढके हुए हैं और मैले हैं?

- (a) 28
- (b) 40
- (c) 33
- (d) 19



Choose the option which is least like the other words.

- (A) Pressure
- (B) Volt
- (C) Newton
- (D) Watt

Like
Share

HW
4:00
Comment Reasoning

वह विकल्प चुनिए जो अन्य शब्दों के समान कम से कम हो।

- (ए) दबाव
- (बी) वोल्ट
- (सी) न्यूटन
- (डी) वाट

