



*Mahendra's*



# UP POLICE कांस्टेबल 2021

## REASONING

### CHRISTMAS SPECIAL CLASS



**LIVE**

**04:00 PM**





# UPCOMING ONLINE BATCHES

## December 2021

01 Dec 2021

08:00 AM to 10:00 AM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

05:30 PM to 07:30 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

01:00 PM to 03:00 PM

**LIVE PREMIUM SILVER CARD**  
(SSC CGL & CHSL)

**BILINGUAL**

08 Dec 2021

10:30 AM to 12:30 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

08:00 AM to 10:00 AM

**LIVE PREMIUM SILVER CARD**  
(SSC CGL & CHSL)

**BILINGUAL**

15 Dec 2021

01:00 PM to 03:00 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

10:30 AM to 12:30 PM

**LIVE PREMIUM SILVER CARD**  
(SSC CGL & CHSL)

**BILINGUAL**

22 Dec 2021

08:00 AM to 10:00 AM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

**LIVE PREMIUM SILVER CARD**  
(SSC CGL & CHSL)

**BILINGUAL**

29 Dec 2021

10:30 AM to 12:30 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

07:30 PM to 09:30 PM

**LIVE PREMIUM GREEN CARD**  
(BANK-PO & CLERK)

03:00 PM to 05:00 PM

**LIVE PREMIUM SILVER CARD**  
(SSC CGL & CHSL)

**BILINGUAL**



# PREVIOUS YEAR QUESTIONS



Q. Select the option that is related to the third term in the same way as the second term is related to the first term:

उस विकल्प का चयन करें जो तीसरे पद से उसी प्रकार संबंधित है जैसे दूसरा पद पहले पद से संबंधित है:

BCE : 10 :: KMQ : ?

(A) 31

(B) 41

(C) 111317

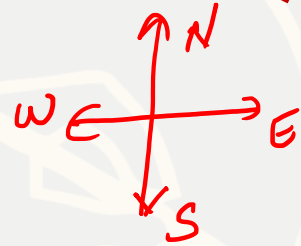
(D) 111217

BCE  $\rightarrow$   
 $2+3+5 = 10$

KMQ  
 $11+13+17 = 41$

Q. Kunal walks 10 km towards North. From there he walks 6 km towards South. Then, he walks 3 km towards East. How far and in which direction is he with reference to his starting point? *distance*

कुणाल उत्तर की ओर 10 किमी चलता है। वहां से वह दक्षिण की ओर 6 किमी चलता है। फिर, वह पूर्व की ओर 3 किमी चलता है। वह अपने प्रारंभिक बिंदु के संदर्भ में कितनी दूर और किस दिशा में है?



$$\begin{aligned}
 (x)^2 &= (4)^2 + (3)^2 \\
 &= 16 + 9 \\
 &= \sqrt{25} = 5\text{m}
 \end{aligned}$$



1. 5m West
2. 7m West
3. 7m East
- ✓ 4. 5m North-West

Q. Identify the next term in the following letter series:

AZ, BY, CX, DW, ? *EV*

~~(A) EV~~

(B) VE

(C) EU

(D) FU

*AZ*  
*↔*  
*opposite letter*

*B ↔ V*  
*C ↔ X*  
*D ↔ W*  
*E → V*

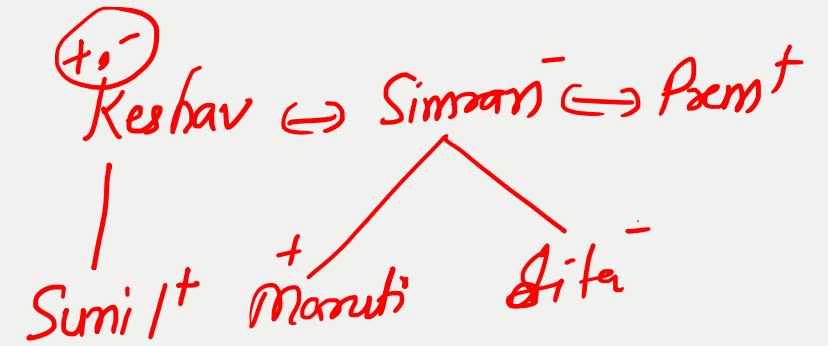


Q. Sunil is son of Keshav, Keshav's only sister Simran has a son Maruti and a daughter Sita. Prem is maternal uncle of maruti. How is Sunil related to Prem?

सुनील केशव का पुत्र है, केशव की एकमात्र बहन सिमरन का बेटा मारुति और बेटी सीता है। प्रेम मारुति का मामा है। सुनील प्रेम से कैसे संबंधित है?

- (A) Niece  
(C) Uncle

- (B) Nephew  
(D) Aunt



Q. Identify the next term in the given letter series:

C, E, G, K, M, ?

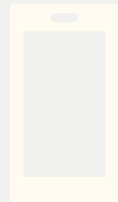
(A) P

~~(B) Q~~

(C) R

(D) S

C, E, G, K, M, ? Q  
3 5 7 11 13  
Prime no°





Q. Vikranth is thirty-second from top in a class of 65 students. What is his rank from the bottom?

65 विद्यार्थियों की एक कक्षा में विक्रान्त ऊपर से बत्तीसवें स्थान पर है। नीचे से उसकी रैंक क्या है?

- (A) 33
- (B) 34
- (C) 32
- (D) 30

$$T = L + R - 1$$

$$65 = 32 + B - 1$$

$$B = 65 - 32 + 1$$

$$= 66 - 32$$

**34**

65  
Student

$$V_T = 32$$

$$V_B = ?$$

$$L = T - R + 1$$

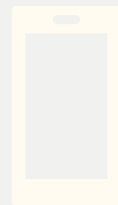
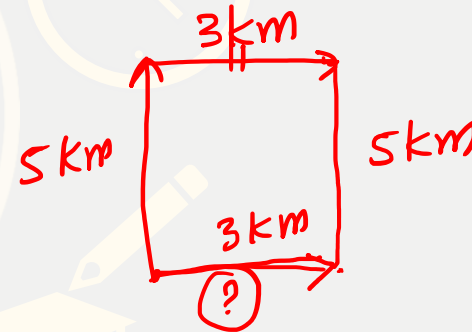
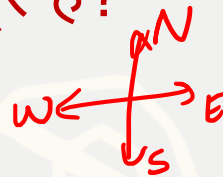
$$R = T - L + 1$$

Atul walks 5 km toward North and then turns to the right. After walking 3 km he turns to the right and walks 5 km. How far away is he from his starting position?

Distance

अतुल उत्तर की ओर 5 किमी चलता है और फिर दायीं ओर मुड़ जाता है। 3 किमी चलने के बाद वह दायीं ओर मुड़ता है और 5 किमी चलता है। वह अपने आरंभिक स्थान से कितनी दूर है?

- ~~(A) 3 km~~
- (B) 4 km
- (C) 5 km
- (D) 13 km



Q. If SEISMO is written as TEJSNO, then how would EARTH D be coded in that language?

- (A) FASTID
- (B) EBRUHD
- (C) EBTASN
- (D) EARDHT

+1    +1    +1  
19 5 9 19 13 15  
S E I S M O  
↓ ↓ ↓ ↓ ↓ ↓  
T E J S N O  
20 5 10 19 14 15

+1    +1    +1  
E A R T H D  
↓ ↓ ↓ ↓ ↓ ↓  
⇒ F A S T I D

Q. In a certain code, MASTER is written as TBNSFU. How will DANCER be written in that code?

एक निश्चित कूट भाषा में MASTER को TBNSFU लिखा जाता है। उसी कोड में DANCER को कैसे लिखा जाएगा?

- (A) NADSFO
- (B) OBEREC
- (C) NADREC
- (D) OBESFD

+1 +1 +1 +1 +1 +1  
13 1 19 20 5 18  
M A S T E R  
↓ ↓ ↓ ↓ ↓ ↓  
T B N S F U  
20 2 14 19 6 21

D A N C E R  
↓ ↓ ↓ ↓ ↓ ↓  
O B E S F D

UP Police

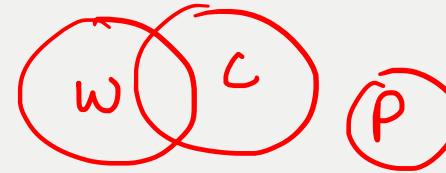
Q. The position of how many letters in the word RAINBOW will remain unchanged when they are arranged in alphabetical order?

शब्द RAINBOW में कितने अक्षरों की स्थिति अपरिवर्तित रहेगी जब उन्हें वर्णानुक्रम में व्यवस्थित किया जाएगा?

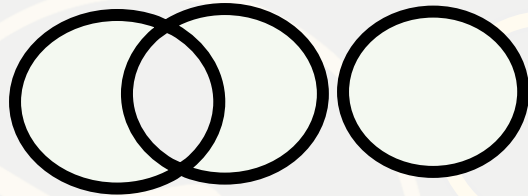
- (A) One  
(~~B~~) Three  
(C) Four  
(D) Two

R A I N B O W  
↓ ↓  
A B I N O R W

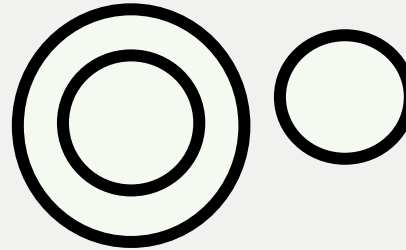
Q. Which of the following diagrams indicates the best relation between Wire, Copper and Paper ?



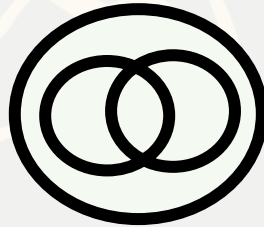
A.



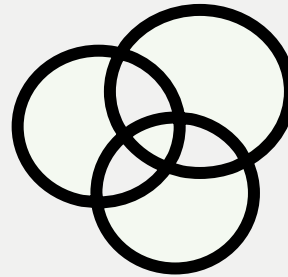
B.



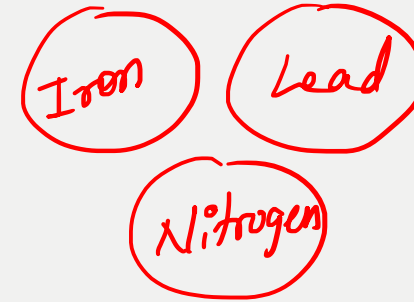
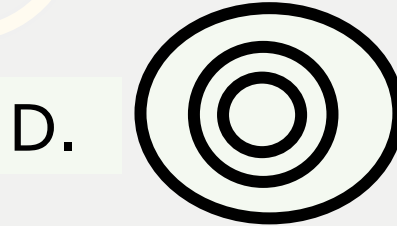
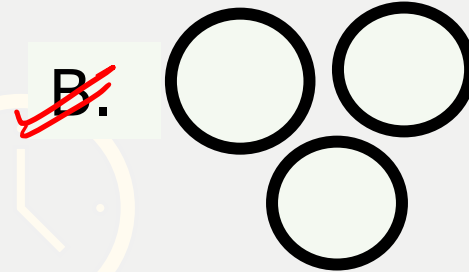
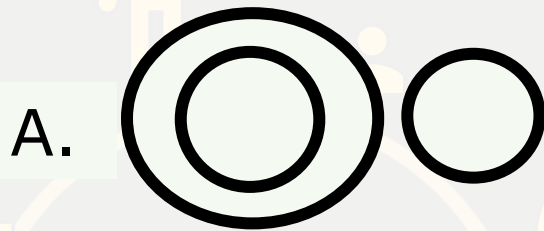
C.



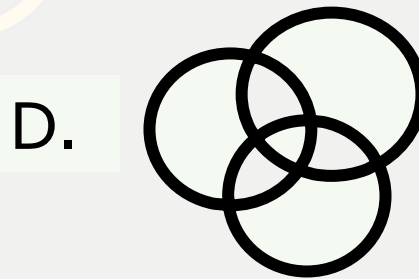
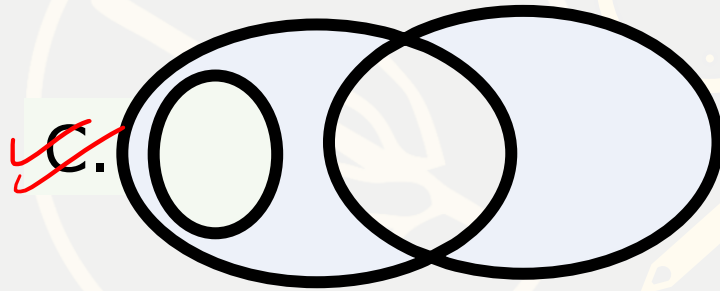
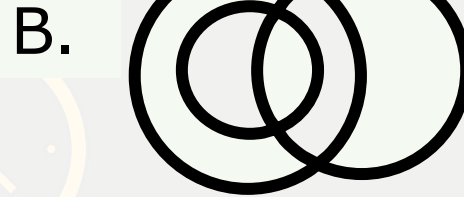
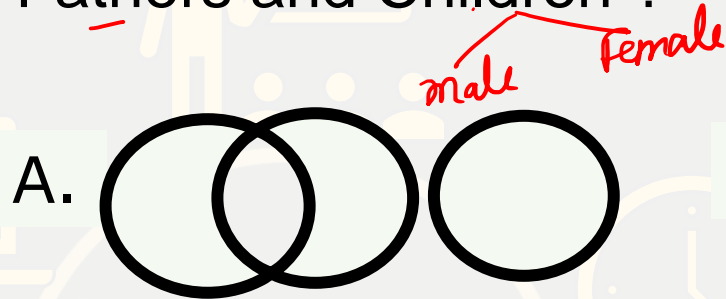
D.



Q. Which of the following diagrams indicate the best relation between (Iron, Lead and Nitrogen)?



Q. Which of the following diagrams indicates the best relation between Males, Fathers and Children ?





Which number will replace the question mark ?

- A. 3 and 5
- B. 7 and 8
- ~~C. 5 and 6~~
- D. 2 and 8

$$\begin{aligned}
 8 \times 7 - x &= 50 \\
 56 - x &= 50 \\
 56 - 50 &= x \\
 x &= 6
 \end{aligned}$$

$$\begin{aligned}
 6 \times 8 &= 48 \\
 48 - 6 &= 42 \\
 9 \times x - 4 &= 41 \\
 9x &= 41 + 4 \\
 9x &= 45 \\
 x &= 5
 \end{aligned}$$

6	9	8
8	?	7
6	4	?
42	41	50

Which number will replace the question mark ?

- (A) 19
- (B) 13
- (C) 15
- (D) 17



$$\begin{array}{r} 25 \\ 17 \\ \hline 42 \end{array}$$

$$\frac{42}{6} = 7$$

$$\begin{array}{r} 38 \\ 18 \\ \hline 56 \\ \hline 8 \end{array} = 7$$

$$\frac{89 + 16}{2} = 7$$

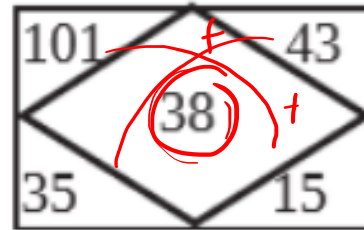
$$\frac{105}{2} = 7$$

$$\begin{array}{r} 7 \overline{) 105} \\ \underline{7} \phantom{0} \\ 35 \end{array} \quad (15)$$

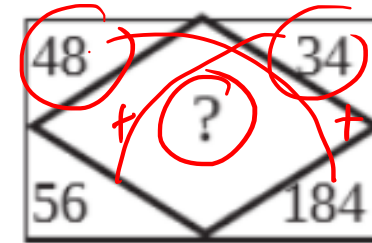
Which number will replace the question mark ?

- (A) 127
- (B) 142
- (C) 158
- (D) 198

$$\begin{array}{r}
 101 \\
 15 \\
 \hline
 116 \\
 78 \\
 \hline
 (38)
 \end{array}
 \qquad
 \begin{array}{r}
 43 \\
 35 \\
 \hline
 78
 \end{array}$$



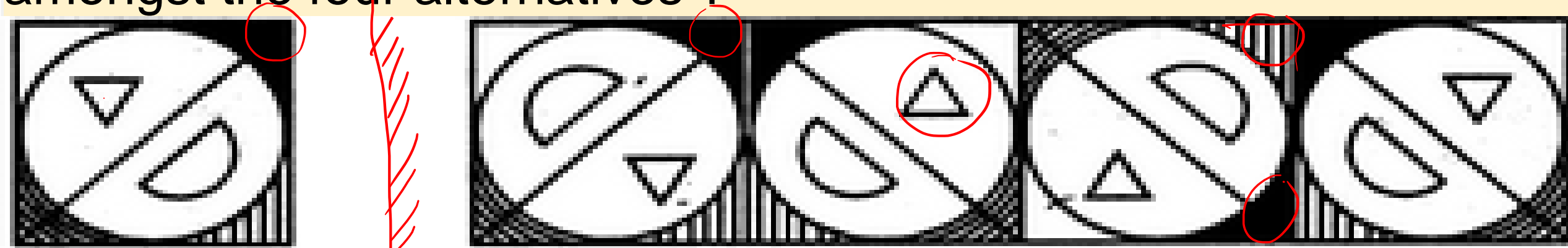
(A)



(B)

$$\begin{array}{r}
 184 \\
 48 \\
 \hline
 232 \\
 90 \\
 \hline
 142
 \end{array}
 \qquad
 \begin{array}{r}
 34 \\
 56 \\
 \hline
 90
 \end{array}$$

Q. Choose the correct mirror image of the given figure (X) from amongst the four alternatives ?



(X)

~~(A)~~

~~(B)~~

~~(C)~~

~~(D)~~

left  $\leftrightarrow$  Right  
Right  $\leftrightarrow$  left

PDF

Ⓛ F @ 5 3 R \$ J P E 1 H % I 8 4 B 8 A (W) 2 U G 6 \* 9 d Z N M @ V Ⓜ

Q. If all the symbols are dropped from the above arrangement, which of the following will be the eleventh from the right end ?

यदि उपरोक्त व्यवस्था से सभी प्रतीकों को छोड़ दिया जाए, तो निम्नलिखित में से कौन दाहिनी ओर से ग्यारहवा होगा?

- (1) A
- (2) Q
- (3) W
- (4) I

If the positions of the first and the fifth digits of the number 83591427 are interchanged, similarly the positions of the second and the sixth digits are interchanged and so on then which of the following will be the second digit from the right end after the rearrangement ?

यदि संख्या 83591427 के पहले और पांचवें अंक को परस्पर बदल दिया जाये, तथा दूसरे और छठे अंकों की स्थिति को परस्पर बदल दिया जाये और अन्य भी ऐसे ही, तो निम्नलिखित में से कौन सा पुनर्गठन के बाद दाएँ छोर से दूसरा अंक होगा?

- (1) 5
- (2) 3
- (3) 9
- (4) 2

rearrangement

8 3 5 9 1 4 2 7  
1 4 2 7 8 3 5 9

(L) (R)

Q. How many 6s are there in the following number series which are preceded by prime numbers but not immediately followed by prime number ?

निम्नलिखित संख्या श्रृंखला में कितने 6 हैं जिनके पहले अभाज्य संख्या हो लेकिन तुरंत बाद अभाज्य संख्या नहीं?

5 6 3 7 6 9 8 6 2 6 4 6 3 1 6 3 6 1 5 6 7 6 1 7 6 5 6 9

- (A) Three  
(B) Five  
(C) More than Six  
(D) Six

HW

Monday

4.Pm

UP Police  
constable

