



 *Mahendra's*

# UP Police कांस्टेबल

**REASONING**

## ANALOGY & CLASSIFICATION

(PREVIOUS YEAR QUESTION)



**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)

Q. Which day of week will the last day of a century?

सदी का आखिरी दिन सप्ताह का कौन सा दिन होगा?

- ~~(A) Friday~~
- (B) Tuesday
- (C) Thursday
- (D) Saturday

*First day of century*

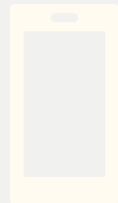
*Thursday  
Saturday  
Tuesday  
Monday*

*odd*

100	→ 5	→ Friday
200	→ 3	→ Wed
300	→ 1	→ Monday
400	→ 0	→ Sunday

explain

	{Mon}	(1-100)	= 5 extra day	{Fri}	
[Tue]	{Sat}	(101-200)	= 3 extra day	{Wed}	[Tue]
[Thu]	{Thu}	(201-300)	= 1 extra day	{Mon}	[Thu]
[Sat]	{Tue}	(301-400)	= 0 extra day	{Sun}	[Sat]



If 3 March 1848 is a Monday. Which day of the week will be on 3 March 1862?

यदि 3 मार्च 1848 को सोमवार है। 3 मार्च 1862 को सप्ताह का कौन सा दिन होगा?

- (A) Sunday
- (B) Friday
- (C) Monday
- (D) Thursday

Handwritten solution:

3 March 1848 → Monday + 3  
 3 March 1862 → ? Thursday

different  
 14

$11 + 6 = 17$   
 2 week + 3 extra day

$$\begin{array}{r} N9 \\ 11 \\ \times 1 \\ \hline 11 \end{array}$$

$$\begin{array}{r} LP \\ 52 \rightarrow 2 \\ 56 \rightarrow 2 \\ 60 \rightarrow 2 \\ \hline 6 \end{array}$$

In each of the following questions, select the related word from the given alternatives.

Thermometer : Temperature :: Hydrometer : ? *Pressure*

- (a) Pressure
- (b) Density
- (c) Stress
- (d) Humidity

थर्मामीटर : तापमान :: हाइड्रोमीटर : ?

1. दबाव
2. घनत्व
3. तनाव
4. आर्द्रता

$$42 : 56 :: 72 : ?$$

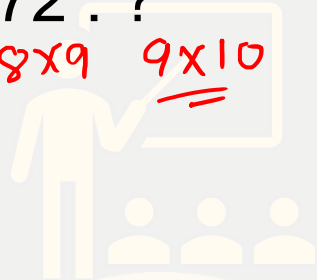
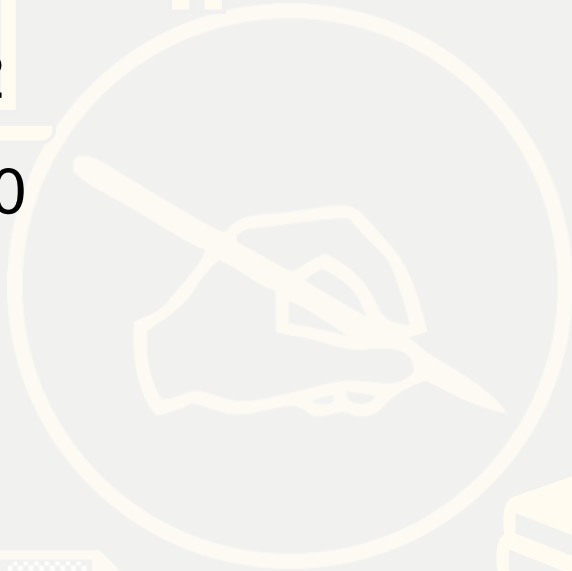
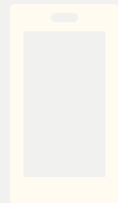
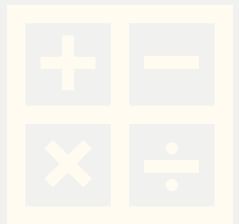
$$7 \times 6 \quad 7 \times 8 \quad 8 \times 9 \quad \underline{\underline{9 \times 10}}$$

(a) 81

~~(b) 90~~

(c) 92

(d) 100





7812 : 8923 :: 5673 : ?

(a) 2154

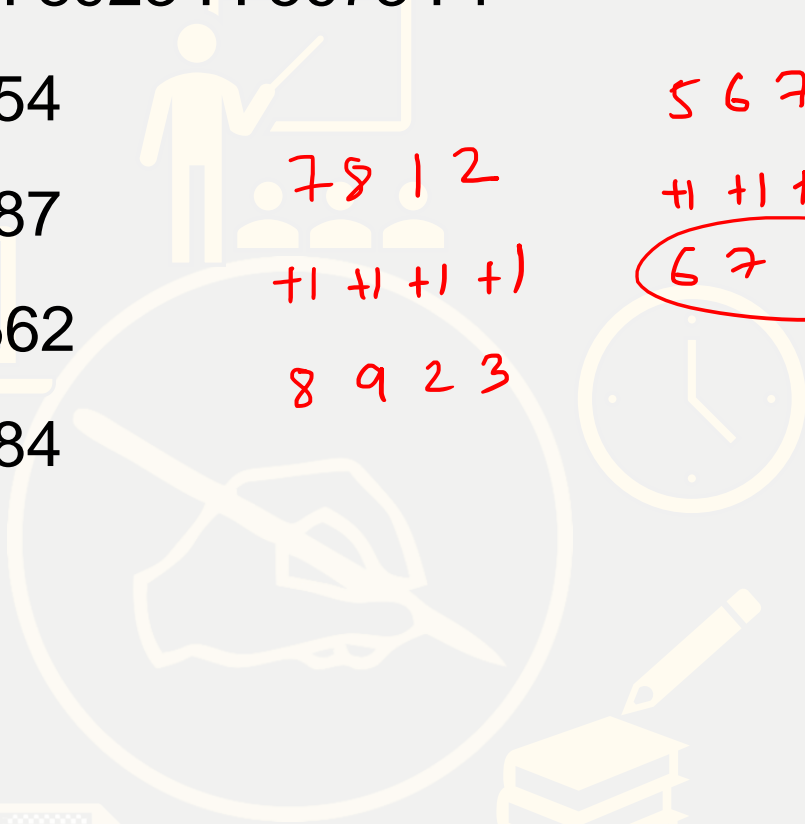
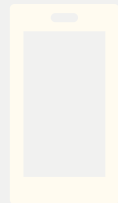
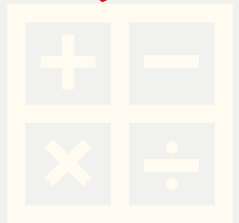
(b) 5487

(c) 3562

(d) 6784

7812  
+1 +1 +1 +1  
8923

5673  
+1 +1 +1 +1  
6784



6 : 222 :: 11 : ?

(a) 1300

(b) 1331

(c) 1332

~~(d) 1342~~

$$(6)^3 = 216 + 6 = \underline{\underline{222}}$$

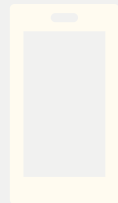
$$(11)^3 = 1331 + 11 = \underline{\underline{1342}}$$

BOQD : ERTG :: ANPC : ?

- ~~(a) DQSF~~
- (b) FSHU
- (c) SHFU
- (d) DSQF

2 15 17 4  
B O Q D  
+3 +3 +3 +3  
E R T G  
5 18 20 7

1 14 16  
A N P C  
+3 +3 +3 +3  
D Q S F



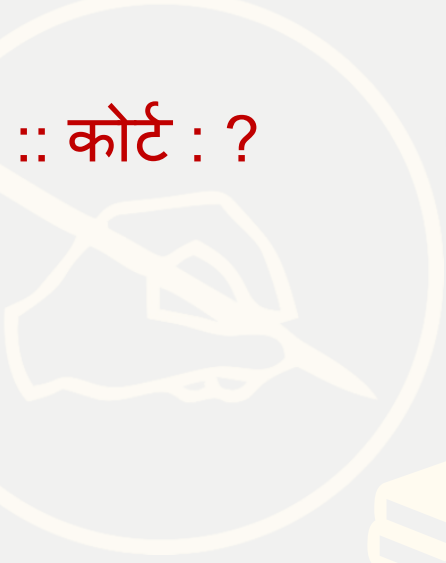
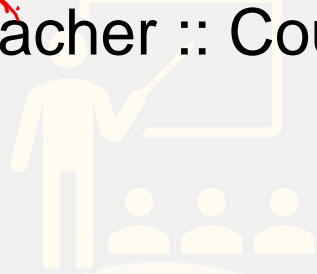
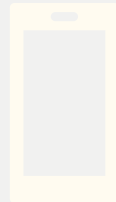
Select the related word from the given alternatives.

School : Teacher :: Court : ?

- ~~(a) Lawyer~~
- (b) Play
- (c) Tennis
- (d) Justice

स्कूल : टीचर :: कोर्ट : ?

- (ए) वकील
- (बी) प्ले
- (सी) टेनिस
- (डी) न्याय



Select the related letters from the given alternatives.

EGI : BDF :: KMO : ?

(a) GIK

(b) MOQ

~~(c) HJL~~

(d) QSU

Handwritten solution in red ink:

	5	7	9	
	E	G	I	K M O
	-3	-3	-3	-3 -3 -3
	B	D	F	H J L
	2	4	6	

Select the related number from the given alternatives.

$$5 : -10 :: -8 : ?$$

~~(a) 16~~

(b) -16

(c) 13

(d) -13

$$5 \times (-2) = -10$$
$$-8 \times (-2) = +16$$

Select the related word from the given alternatives.

Product : Multiplication :: Sum : ? *Addition*

(a) Comparison

(b) Percentage

(c) Numbers

~~(d) Addition~~

उत्पाद : गुणन :: योग : ?

(ए) तुलना

(बी) प्रतिशत

(सी) संख्या

(डी) अतिरिक्त

Select the related number from the given alternatives.

$$10001 : 10101 :: 101 : ?$$

(a) 11

(b) 201

(c) 100

(d) 121

$$\begin{array}{r} 10001 \\ 100 \\ \hline 10101 \end{array}$$

$$\begin{array}{r} 101 \\ 100 \\ \hline 201 \end{array}$$



Select the related word from the given alternatives.

Swim : Water :: Fly : ?

(a) Bird

~~(b) Air~~

(c) Wings

(d) Plane

तैरना : पानी :: उड़ना : ?

(ए) चिडिया

(बी) वायु

(सी) पंख

(डी) विमान

Select the related number from the given alternatives.

$$55 : 11 :: 125 : ?$$

(a) 22

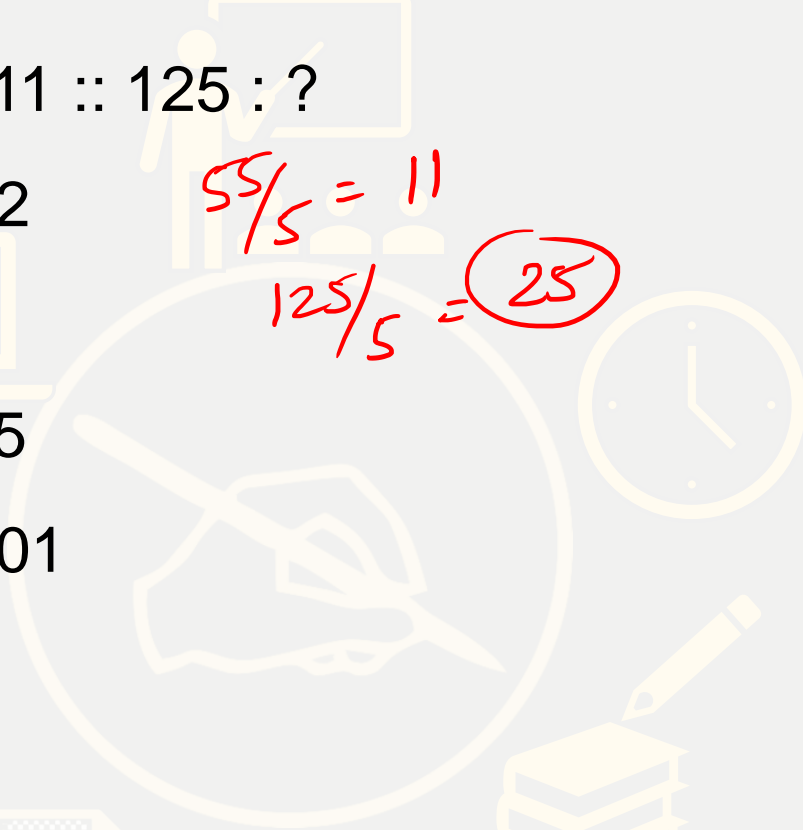
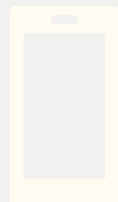
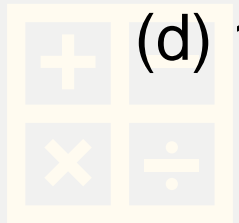
(b) 5

(c) 25

(d) 101

$$55/5 = 11$$

$$125/5 = 25$$



Night : Stars :: Day : ?

~~(a) Sun~~

(b) Blue

(c) Work

(d) Planet

रात : सितारे :: दिन : ?

(ए) सूर्य

(बी) नीला

(सी) कार्य

(डी) ग्रह

Select the related letters from the given alternatives.

G I K : P R T :: D F H : ?

(a) L N P

~~(b) M O Q~~

(c) R P N

(d) J L N

7 9 11  
G I K

+9 +9 +9  
P R T  
16 18 20

+9 +9 +9  
D F H  
4 6

13 15  
M O Q

Frog : Amphibian :: Lizard : ?

- (a) Rodent
- (b) Mammal
- ~~(c) Reptile~~
- (d) Insect

मेंढक : उभयचर :: छिपकली : ?

- (ए) कृतक
- (बी) स्तनपायी
- (सी) सरीसृप
- (डी) कीट

Select the related word from the given alternatives.

Office : Colleagues :: Home : ?

- (a) Rest
- (b) Work
- (c) Friends
- (d) Family

कार्यालय : सहकर्मी :: घर : ?

- (ए) आराम
- (बी) कार्य
- (सी) दोस्त
- (डी) परिवार

Select the related letters from the given alternatives.

XVT : RPN :: LJH : ?

~~(a) FDB~~

(b) ECA

(c) KIG

(d) QOM

24 22 20  
X V T  
-6 -6 -6  
R P N  
18 16 14

12 10 8  
L J H  
-6 -6 -6  
F D B

Select the related number from the given alternatives.

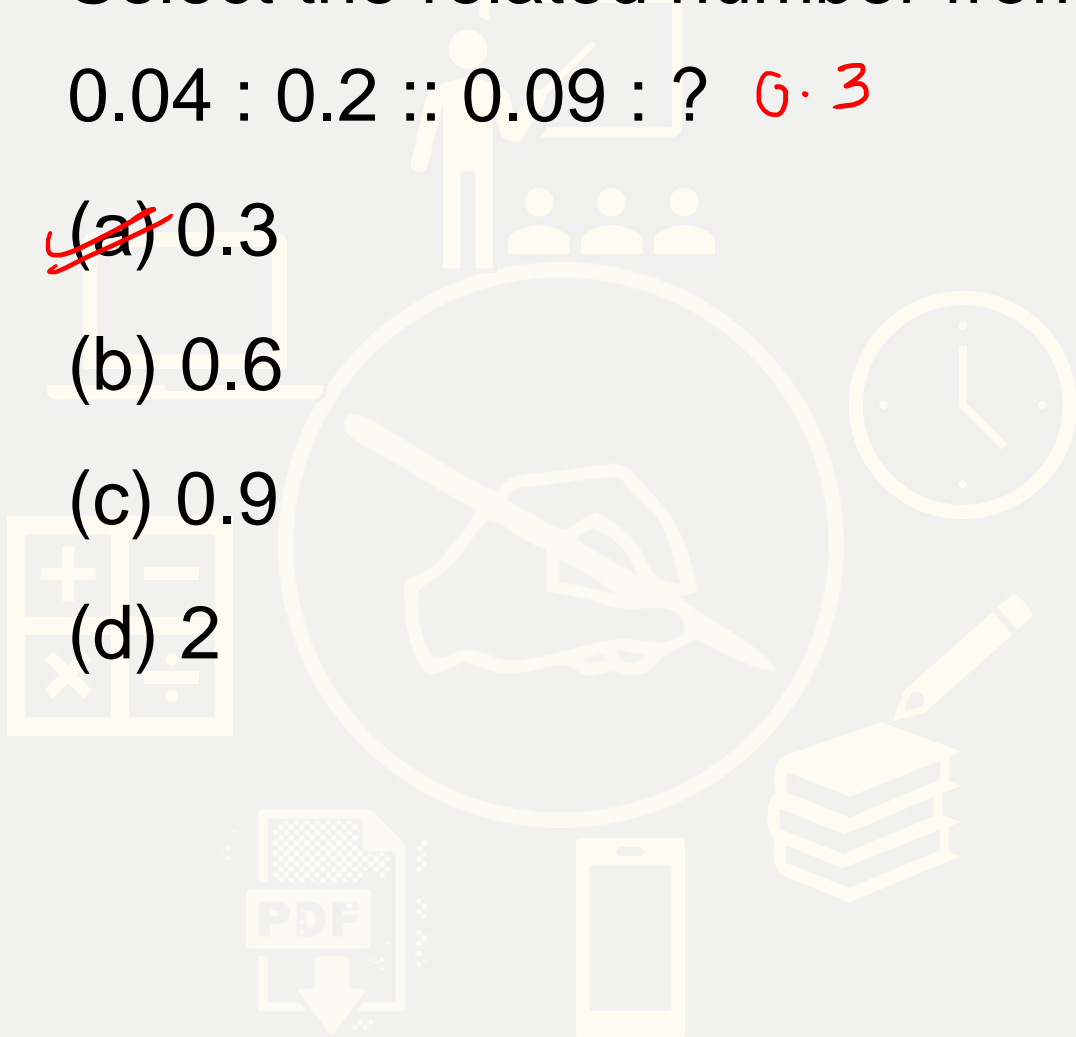
$$0.04 : 0.2 :: 0.09 : ? \quad 0.3$$

~~(a)~~ 0.3

(b) 0.6

(c) 0.9

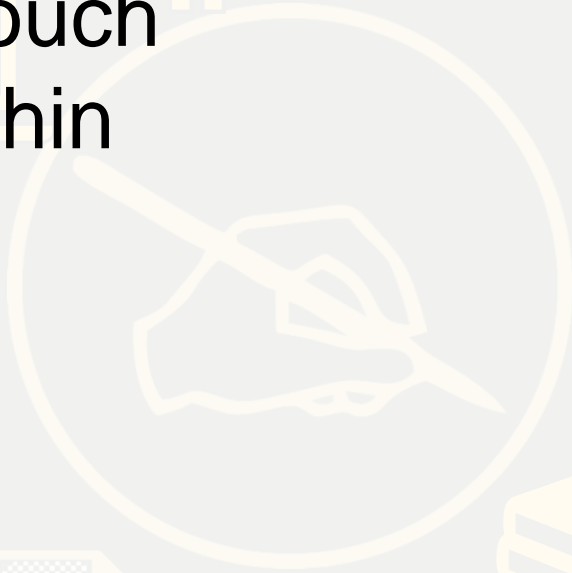
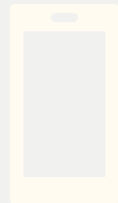
(d) 2





Tongue : Taste :: Nose : ?

- ~~(a) Smell~~
- (b) Face
- (c) Touch
- (d) Chin



Select the related number from the given alternatives.

(a) 53 '  $5+3 = (8)$

(b) 40  $4+0 = (4)$

(c) 68  $6+8 = (14)$

~~(d)~~ 38  $3+8 = (11)$

Square वर्ग : 90 :: Equilateral triangle समभुज त्रिकोण : ?

(a) 30

~~(b) 60~~

(c) 90

(d) 120



$$K/T : 11/20 :: J/R : ?$$

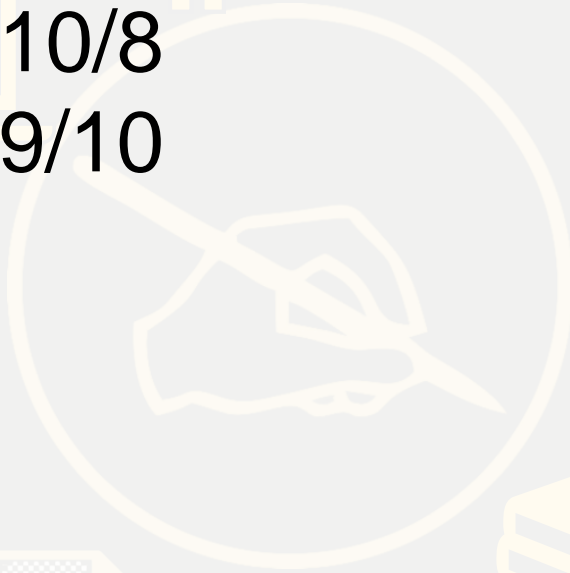
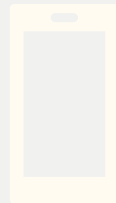
~~(A) 10/18~~

(B) 11/19

(C) 10/8

(D) 9/10

$$\frac{J}{R} = \frac{10}{18}$$



Q. In the following question, select the odd letters from the given alternatives.

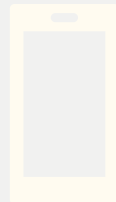
- (a) CEAC
- (b) FHDF
- ~~(c) PRMP~~
- (d) TVRT

CEAC  
5 1  
-4

FHDF  
8 4  
-4

PRMP  
18 13  
-5

TVRT  
22 18  
-4



In the following question, select the odd letters from the given alternatives.

- (a) DGJ
- (b) KNQ
- (c) RUX
- ~~(d) ILN~~

DGJ  
4 7 10  
+3 +3

KNQ  
11 14 17  
+3 +3

RUX  
18 21 24  
+3 +3

ILN  
9 12 14  
+3 +2

4:00 =  
Reasoning

=

=

⇒