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Q. 1 If in a coding system, SHELVES is coded as 100 and TURNING is coded as 87 , then how will REDRESS be coded in the same coding system?
Ans
$\times 1.89$
X 2.88

- 3.102
$\times 4.101$
Q. 2 'Frogs' is related to 'Croak' in the same way as 'Peacock' is related to ' $\qquad$ _'
Ans $\quad \times 1$. Growl
X 2. Grunt
$X$ 3. Hiss

4. Scream

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Q. 3 Select the option in which the given figure is embedded (rotation is NOT allowed).


Ans

Q. 4 Which number will replace the question mark (?) in the following series?
$31,32,35,46,59,88,119$, ?
Ans 1.174
$\times 2.147$
$\times 3.141$
$\times 4.114$
Q. 5 A paper is folded and cut as shown below. How will it appear when unfolded?


Ans

$\times 2$


Q. 6 Which figure will replace the question mark (?) in the following figure series?


Ans

Q. 7 If SHADOW is coded as 184 and TEDIOUS is coded as 384, then how will VALIDATE be coded as?
Ans
$\times 1.486$
$\times 2.468$

- 3.568
$\times 4.586$
Q. 8 Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.

GEOGRAPHY:OEGARGYHP ::REASONING:?
Ans

1. AERNOSGNI

X 2. NOSGNIAER
X 3. GNINOSAER
X 4. SAERONNIG

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Q. 9 Eight members of a family - Archana, Suman, Dheeraj, Meghana, Bindu, Tilak, Rajan and Kiran are sitting in a straight line facing North. They have dif ferent ages -12, $17,19,22,28,31,38$ and 48 but not necessarily in the same order.

Archana is sitting third to the right of the one who is 22 years old. Meghana and the one who is 22 years old are sitting toget her. One person is sitting bet ween Kiran and one whose age is 48 years. The difference bet ween the ages of Bindu and Kiran is 5 years. The one who is 10 years older than Meghana is sitting third to the right of Meghana. Rajan and Dheeraj are sitting toget her and one of them is sitting at the ext reme end of the line. Dheeraj is 9 years older than Suman. Archana is sitting in the middle of Kiran and Tilak. Archana is 12 years younger than Dheeraj. Kiran is not 12 years old.

Who is sitting third to the right of Meghana?
Ans
$X 1$. Bindu
X 2. Dheraj
3. Tilak

X 4. Kiran
Q. 10 Select the option that is relat ed to the third number in the same way as the second number is related to the first number.

24:588::26: $\qquad$ _.
Ans
$\times 1.678$

- 2.689
$\times 3.687$
$\times 4.698$
Q. 11 Select the option that is related to the third word in the same way as the second word is related to the first word.

Audacious: Courageous:: Deflate: $\qquad$ _.
Ans
$X 1$. Enlarge
2. Entangle
3. Collapse
4. Attentive

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Q. 12 Two statements are given, followed by two conclusions numbered I and II. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

Some candles are bulbs
Some bulbs are generators
Conclusions:
I. Some candles are generators
II. All candles are generators

Ans
$X$ 1. Only conclusion I follows
$X$ 2. Only conclusion II follows
X 3. Both conclusions I and II follow
4. Neither conclusion I nor II follows
Q. 13 The notification for six different posts - Clerk, PRO, Lect urer, Account ant, Wat chman and Principal- are to be released on consecutive Fridays. The schedule of the releasing is to be in accordance with the following conditions:
(i) Clerk post must be released a week before the Wat chman post.
(ii) Lect urer post must not be released immediat ely after the first release.
(iii) PRO post must be released on the Friday following the Friday on which the Principal post is released.
(iv) Account ant post must be released on the fifth Friday and should not be immediat ely preceded by the PRO post.
(v) The Wat chman post must not be released last.

Which of the following not ificat ions will be released immediat ely after the PRO post?
Ans
$X$ 1. Watchman
$\times 2$. Principal
3. Clerk
$X$ 4. Lecturer
Q. 14 Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out.
Ans
X 1. GCXD
X 2. KGTZ

- 3. TPLR

X 4. NJQW

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Q. 15 Three statements are given, followed by four conclusions numbered I, II, III, IV. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

## Statements:

Some drums are violins.
Some violins are pianos.
All the pianos are flutes.
Conclusions:
I. Some flutes are violins.
II. Some pianos are drums.
III. No piano is drum.
IV. Some violins are drums.

Ans

1. Both conclusions I and IV and either II or III follows

X 2. Both conclusions II and III follow
X 3. Both conclusions II and IV follow
X 4. Both conclusions I and II follow
Q. 16 If ' $x$ ' stands for 'addition', ‘‘’ stands for 'subtraction', ' + ' stands for 'multiplication' and '-' stands for 'division', then
$75 \times 345+15-23 \div(15+18)=?$
Ans
$\times 1.10$
$\times 2.20$
$\times 3.40$

* 4.30
Q. 17 In a code language, MAJESTY is written as TEQIZAF. How will DURABLE be written as in that language?

Ans

1. KAYEISI

X 2. KBTECTL
X 3. KBYEISL
X 4.KASECSI
Q. 18 Which number will replace the question mark (?) in the following series?
$8,26,73,157,284,464,705,1017, ?$
Ans $\times 1.1480$
$\times 2.1840$

- 3.1408

X4.1804
Q. 19 Select the set in which the numbers are relat ed in the same way as are the numbers of the given set.
$(105,6,27)$
Ans
× $1 .(156,8,42)$
$\times 2 .(250,11,52)$

- $3 .(145,8,37)$
$\times 4 .(152,7,32)$
Q. 20 Select the option that can replace the question mark (?) and complete the given figure.


Ans
$\checkmark 1$.

$\times 2$.

$\times 3$.

$\times 4$.

Q. 21 Select the correct mirror image of the given combination when the mirror is placed to the right side of it.

## \&VEcTORANaLYsIS2


$x$ 2. seIZYJAИsЯOToヨV\&


- S2IzY IsИAЯOToヨV\&


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Q. 22 In a certain code language, if MEALTIME is written as TMMLIEEA, then how will PROVINCE be writt en in the same code language?
Ans
X 1. ORPNIVEC
2. VRPONIEC

X 3. VPRONEIC
$\times 4$. RPVONIEC
Q. 23 Select the Venn diagram that best illustrates the relationship between the following classes.

Doctors, Politicians, Men
Ans
$\times 1$

2

$\times 3$.

$\times 4$.

Q. 24 In a row of boys, Karun is 5 th from the left and Panth is 6 th from right. When they exchange their position, Karun becomes 13 th from the left. What is the new position of Panth from the right?
Ans
X1.11th
X 2.7th

- 3.14th

X 4.18th
Q. 25 Which two signs should be int erchanged to make the given equation correct?
$110+728 \div 28-15 \times 413=87$
Ans
X 1. - and +
$\times 2 . \div$ and -
X $3 . \div$ and +
4. $\times$ and -
$\square$
$\square$

