

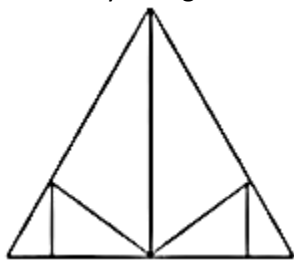
**TOTAL QUESTIONS-10,**
**TIME – 10 MINUTES,**
**MARKS –10**
**REASONING**

1. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

3	10	6	186
9	5	3	138
5	7	1	36
3	2	5	?

- (A) 35                      (B) 42                      (C) 45                      (D) 95

2. How many triangles are there in the given figure?



- (A) 10                      (B) 11                      (C) 12                      (D) 13

3. Ram is facing towards the south. He turns to his left and moves 40 km, and then turns to his right and moves 50 km more. Finally, he turns to his left again and moves 60 km. Which direction is he facing now?

- (A) East                      (B) West                      (C) North                      (D) South

4. In a certain code language, "FAILURE" is written as "FRULIAG". How is "SUCCESS" written in that code language?

- (A) TSECCUT                      (B) SSECCUS                      (C) TSECCUS                      (D) TSECCUU

5. In the following question, which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?

JK\_MJ\_LM\_KL\_

- (A) JKLL                      (B) LKKM                      (C) LKJM                      (D) KJLM

6. Choose the term which will continue the following series:

GKF, IPC, LTY, PWT, UYN, \_\_

- (A) ABZ                      (B) XBX                      (C) XAH                      (D) AZG

7. Three of the following four are alike in a certain way and so form a group. Which one that does not belong to that group?

- (A) 75                      (B) 85                      (C) 115                      (D) 95

8. Hong Kong : China :: Vatican : ?

- (A) Christianity                      (B) Canada                      (C) Mexico                      (D) Rome

9. Look carefully for the pattern, and then choose which pair of numbers comes next.

35 80 150 310 ? 1230

- (A) 510                      (B) 589                      (C) 610                      (D) 620

10. Find the missing.

$$4 \sqrt{108} / 8 \quad 5 \sqrt{?} / 4$$

9                      12

- (A) 80                      (B) 114                      (C) 108                      (D) None of these

**ANSWERS KEYS**

- 1 A 6 D
- 2 B 7 A
- 3 A 8 D
- 4 A 9 C
- 5 C 10 C

**EXPLANATIONS**

1. A;

$$(3 \times 10 \times 6) + 6 = 186$$

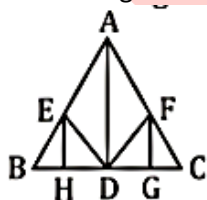
$$(9 \times 5 \times 3) + 3 = 138$$

$$(5 \times 7 \times 1) + 1 = 36$$

$$(3 \times 2 \times 5) + 5 = 35$$

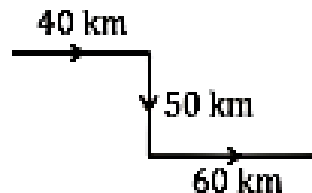
2. B;

Total triangles=11



ABC, ADB, ADC, BED, DCF, BHE, EHD, DGF, GCF, EDA, ADF

3. A;



He is facing in the east direction.

4. A;

V	A	N	K
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10. C;

$$(4+8) \times 9 = 108.$$

$$\therefore (5+4) \times 12 = 108$$

FAILURE  
 F R U L I A G  
 +1 +1

SUCCESS  
 T S E C C U T  
 +1 +1

5. C;

J K L M / J K L M / J K L M

6. D;

The given series is a mixed series.

Pattern for the first letter:

G+2, I+3, L+4, P+5, U+6, A

Pattern for the second letter:

K+5, P+4, T+3, W+2, Y+1, Z

Pattern for the third letter:

F-3, C-4, Y-5, T-6, N-7, G

7. A;

Except 75, all other numbers have two factors.

$$115 = 5 \times 23$$

$$95 = 5 \times 19$$

$$85 = 5 \times 17$$

$$75 = 3 \times 5 \times 5$$

8. D;

Hong Kong is a city in China.

Similarly, Vatican is a city in Rome.

9. C;

Series Pattern	Series
35	35
$35 \times 2 + 10$	80
$80 \times 2 - 10$	150
$150 \times 2 + 10$	310
$310 \times 2 - 10$	610 ✓
$610 \times 2 + 10$	1230

**ALL THE POWER IS WITHIN YOU; YOU CAN DO ANYTHING AND EVERYTHING BELIEVE IN THAT; DON'T BELIEVE THAT YOU ARE WEAK. STAND UP AND EXPRESS THE DIVINITY WITHIN YOU"**

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