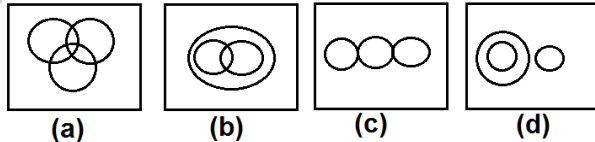


**TOTAL QUESTIONS-10,**
**TIME – 10 MINUTES,**
**MARKS –10**
**REASONING**

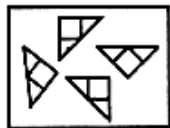
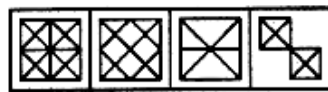
- In a certain code language, "TERRAIN" is written as "UDSQBHO". How is "PLATEAU" written in that code language?  
 (A) QKBSZFU (B) QKBSFBV (C) QKBSFZV (D) QKBUFBV
- Neha is the only girl of her father and her father is the father-in-law of Pranav's brother. Pranav is Rajeev's son. How is Rajeev related to Neha?  
 (A) Father-in-law (B) Daughter-in-law (C) Uncle (D) Brother
- Identify the diagram that best represents the relationship among the given classes.  
 Vietnam, India, Rajasthan



- A compass is incorrectly aligned. For the direction of North, it is showing South-West. Which direction will it show for East?  
 (A) East (B) North (C) North-West (D) South-East
- If L denotes 'x', M denotes '÷', P denotes '+' and Q denotes '-', then  
 16P24M8Q6M2L3  
 (A)  $\frac{13}{6}$  (B)  $-\frac{1}{6}$  (C)  $14\frac{1}{2}$  (D) 10
- Select the missing numbers from the given alternatives.  

?	120	150
110	100	90
80	60	40

 (A) 60 (B) 70 (C) 80 (D) 90
- Among four cars, weight of T1 is twice the weight of T2. Weight of T3 is half of the weight of T2. T4 is 25 kg heavier than T2, but 25 kg lighter than T1. What is the difference (in kg) between the weight of T4 and T3?  
 (A) 30 (B) 50 (C) 25 (D) 35
- In the following question, by using which mathematical operators will the expression become correct?  
 15 \_ 3 \_ 4 \_ 20  
 (A) x, ÷ and > (B) ÷, x and < (C) ÷, x and = (D) +, x and =
- $B_2CD$ ,  $BCD_4$ ,  $B_5CD$ ,  $BC_6D$   
 (A)  $B_2C_2D$  (B)  $BC_3D$  (C)  $B_2C_3D$  (D)  $BCD_7$
- Find out which of the figure (1),(2),(3) and (4) can be formed from the pieces given in figure(X)

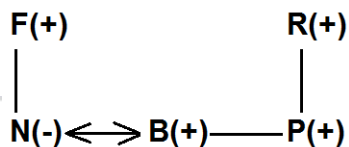

**(X)**

**(1) (2) (3) (4)**
**(A)1**
**(B)2**
**(C)3**
**(D)4**
**ANSWER KEYS**

- |   |   |   |   |
|---|---|---|---|
| 1 | C | 6 | D |
| 2 | A | 7 | B |

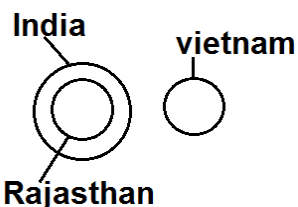
- |   |   |    |   |
|---|---|----|---|
| 3 | D | 8  | C |
| 4 | C | 9  | B |
| 5 | D | 10 | B |

**EXPLANATIONS**

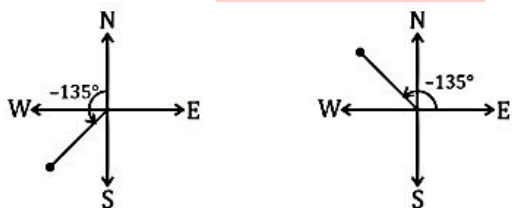
1. C;
2. A;



3. D;



4. C;



5. D;  $16+24 \div 8-6 \div 2 \times 3$   
 $=16+3-9$   
 $=10$

6. D; In 1<sup>st</sup> row there is gap of =30  
 In 2<sup>nd</sup> row there is gap of =10  
 In 3<sup>rd</sup> row there is gap of =20

7. B; Given,  $T1 = 2 \times T2$        $T4+25 = T1$   
 $T3 = \frac{1}{2} T2$                        $\Rightarrow T2 + 25 + 25 = T1$   
 $T4 = T2 + 25$                        $\Rightarrow T2 + 50 = T1$   
 $T4 = T1 - 25$                        $\Rightarrow T2 + 50 = 2T2 \Rightarrow T2 = 50$   
 Then,  $T3 = 25$ ,  $T4 = 75$ , Difference =  $75 - 25 = 50$

8. C;  $15 \div 3 \times 4 = 20$   
 $\Rightarrow 5 \times 4 = 20$   
 $\Rightarrow 20 = 20$

9. B; Because the letters are the same, concentrate on the number series, which is a simple 2, 3, 4, 5, 6 series, and follows each letter in order.

10. B;

**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"**

\*\*\*\*\*