

**TOTAL QUESTIONS-5,**
**TIME – 10 MINUTES,**
**MARKS –5**
**REASONING**

- Complete given series:  
 qq\_qqq\_qqqq\_qqqq\_r  
 A) pqrq                      B)rqrq                      C) qqqr                      D)rrrq
- Arrange the given word in dictionary order.  
 1. Packet                      2. Population                      3. Pacified  
 4. Papermill                      5. Pause                      6. Paddler  
 A) 316542                      B)316452                      C) 314625                      D)312465
- Select the set in which the numbers are related in the same way as are the numbers of the given set.

(9, 55, 64)

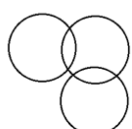
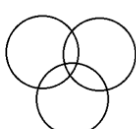
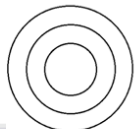
A) (16, 50, 36)                      B)(16, 65, 36)                      C) (4, 9, 25)                      D)(25, 9, 17)

- In a row of boys, Karan ranked 16th from the left and Tarun ranked 20th from the right. If Kunal is 25th from the left and sitting exactly between Karan and Tarun then how many boys are there in the row?  
 A) 53                      B)45                      C) 42                      D)54
- Ayush's birthday is on Saturday 29th July. On what day of the week will be Kevin's birthday in the same year if Kevin was born on 12th August?  
 A) Sunday                      B) Monday                      C) Saturday                      D)Tuesday
- Select the option in which will complete the following figure.



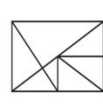
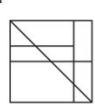
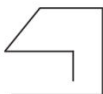
(a)                      (b)                      (c)                      (d)

- Select the correct option from the given series.  
 B5, D8, G12, K17, ?  
 A) Q16                      B)P23                      C) U16                      D)P20
- Six persons P, Q, R, S, T and U sit in a row facing south. Q sits second to the right of P. S sits immediate right of T, who sits at extreme end. R is not adjacent to P. Who sits immediate right of Q?  
 A) S                      B)T                      C) P                      D)R
- Select the Venn diagram that best represents the relationship between the following classes.  
 mirror, concave mirror, convex mirror



(a)                      (b)                      (c)                      (d)

- Select the option in which the given figure is embedded.



(a)                      (b)                      (c)                      (d)

**ANSWERS KEYS**

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

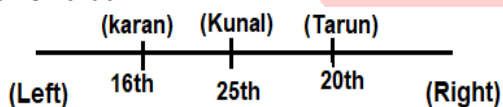
**EXPLANATIONS**

1. D;  
 2. B;  
 The given words can be arranged in the dictionary in following way.

3. Pacified, 1. Packet, 6. Paddler, 4. Papermill, 5. Pause, 2. Population.  
 Hence, option b.

3. A;  
 Given  
 (9, 55, 64)  
 (9, 55, 64):  $3^2 = 9$ ,  $8^2 = 64$  and  $(8+3) \times 5 = 55$ .  
 Similarly,  $4^2 = 16$ ,  $6^2 = 36$ , and  $(4+6) \times 5 = 50$ .  
 Hence, option a.

4. A;  
 Given that:



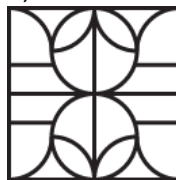
Now, Kunal is 25<sup>th</sup> from the left which means Kunal is 9 places ahead from Karan and Kunal is exactly between Karan and Tarun so, Kunal must be 9 places away from Tarun also.

Total number of boys = Rank of Kunal from left + Rank of Kunal from right - 1  
 $25 + 29 - 1 = 53$ .  
 Hence, option a.

5. C;  
 Number of days between two dates i.e.,  
 29<sup>th</sup> July to 12<sup>th</sup> August = 14 days.  
 No. of odd days =  $14/7$  Remainder = 0  
 Day on 12<sup>th</sup> August will be Saturday.

Hence, option c.

6. C;

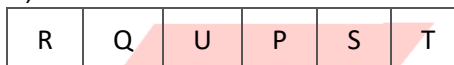


Hence, option c.

7. B;

$B + 2 = D$ ,  $D + 3 = G$ ,  $G + 4 = K$ ,  $K + 5 = P$   
 $5 + 3 = 8$ ,  $8 + 4 = 12$ ,  $12 + 5 = 17$ ,  $17 + 6 = 23$   
 Hence, option b.

8. D;

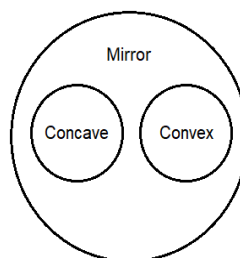


So, R sits immediate right of Q.

Hence, option d.

9. C;

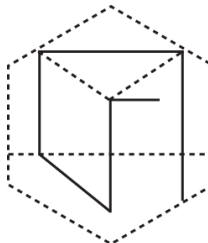
As, mirrors are of two types i.e. concave and convex.



Hence, option c.

10. C;

The embedded figure is shown below,



Hence, option c

**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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