

ACHIEVERS SECTION (HOTS)

26. Fill in the blanks and select the correct option.

- (i) The number of 3-digit odd numbers can be formed by using the digits 1, 5, 7 each only once is P.
- (ii) The sum of the place and face values of 2 in the number 9267 is Q.
- (iii) If the expanded form of the number 5M6828 is $5 \times 100000 + 6 \times 1000 + 8 \times 100 + 2 \times 10 + 8 \times 1$, then the value of M is R.

| | P | Q | R |
|-----|---|-----|---|
| (A) | 4 | 200 | 0 |
| (B) | 6 | 200 | 1 |
| (C) | 4 | 202 | 1 |
| (D) | 6 | 202 | 0 |

27. The difference between the place values of 8 in the greatest and the smallest 4-digit numbers formed by using the digits 3, 8, 0, 5 (each digit used only once) is _____.

- (A) 8998 (B) 6992
(C) 7992 (D) 5998

28. State 'T' for true and 'F' for false.

- (I) The number of digits in the difference of smallest 4-digit number and greatest 2-digit number is 4.
- (II) Place value of 9 in 974304200 is ninety crore.
- (III) 1 lakh = 1000 thousand

(IV) The sum of the number 6879 and the number formed by reversing the digits of 6879 is 16665.

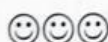
| | (I) | (II) | (III) | (IV) |
|-----|-----|------|-------|------|
| (A) | T | F | T | F |
| (B) | F | F | T | T |
| (C) | T | T | T | T |
| (D) | F | T | F | T |

29. If a new number is formed by interchanging the tens and thousands place digits of 8727, then what is the relation between them?

- (A) New number is greater than the original number.
- (B) New number is smaller than the original number.
- (C) New number is equal to the original number.
- (D) Can't be determined

30. Match the following.

| | Column I | Column II |
|-------|--|----------------|
| (i) | 100 crores | (P) 1 thousand |
| (ii) | 10 lakhs | (Q) 1 lakh |
| (iii) | 100 thousands | (R) 1 billion |
| (iv) | 100 tens | (S) 1 million |
| (A) | (i)→(P), (ii)→(Q), (iii)→(S), (iv)→(R) | |
| (B) | (i)→(R), (ii)→(S), (iii)→(P), (iv)→(Q) | |
| (C) | (i)→(R), (ii)→(S), (iii)→(Q), (iv)→(P) | |
| (D) | (i)→(P), (ii)→(S), (iii)→(Q), (iv)→(R) | |



Darken your choice with HB Pencil

| | | | |
|--------------------|---------------------|---------------------|---------------------|
| 1. (A) (B) (C) (D) | 9. (A) (B) (C) (D) | 17. (A) (B) (C) (D) | 25. (A) (B) (C) (D) |
| 2. (A) (B) (C) (D) | 10. (A) (B) (C) (D) | 18. (A) (B) (C) (D) | 26. (A) (B) (C) (D) |
| 3. (A) (B) (C) (D) | 11. (A) (B) (C) (D) | 19. (A) (B) (C) (D) | 27. (A) (B) (C) (D) |
| 4. (A) (B) (C) (D) | 12. (A) (B) (C) (D) | 20. (A) (B) (C) (D) | 28. (A) (B) (C) (D) |
| 5. (A) (B) (C) (D) | 13. (A) (B) (C) (D) | 21. (A) (B) (C) (D) | 29. (A) (B) (C) (D) |
| 6. (A) (B) (C) (D) | 14. (A) (B) (C) (D) | 22. (A) (B) (C) (D) | 30. (A) (B) (C) (D) |
| 7. (A) (B) (C) (D) | 15. (A) (B) (C) (D) | 23. (A) (B) (C) (D) | |
| 8. (A) (B) (C) (D) | 16. (A) (B) (C) (D) | 24. (A) (B) (C) (D) | |