

## CHAPTER-3 | Number Play

### QUIZ PART-02

1. A cell is coloured when its number is

- A. smaller than adjacent cells
- B. equal to adjacent cells
- C. larger than adjacent cells
- D. odd (C)

**Explanation:** The chapter says a cell is coloured if the number in it is larger than its adjacent cells.

2. A supercell is a cell whose number is greater than

- A. one neighbouring cell
- B. all neighbouring cells
- C. only the left cell
- D. only the right cell (B)

**Explanation:** A supercell must be greater than all the numbers in its neighbouring cells.

3. Which number is coloured in 43, 79, 75?

- A. 43
- B. 79
- C. 75
- D. None (B)

**Explanation:** 79 is greater than both 43 and 75, so it is coloured.

4. Which number is coloured in 10, 29, 28?

- A. 10
- B. 29
- C. 28
- D. None (B)

**Explanation:** 29 is larger than both adjacent numbers, 10 and 28.

5. In 200, 577, 626, which number is a supercell?

- A. 200
- B. 577
- C. 626
- D. None (C)

**Explanation:** 626 is greater than 577 and the next neighbour shown in the table pattern, so it is treated as a supercell in the chapter example.

6. In the assessment row, which number is a supercell?

- A. 670
- B. 708
- C. 800
- D. 583 (C)

**Explanation:** The answer page colours 800 as a supercell because it is greater than its neighbouring cells 308 and 583.

7. Which end number is coloured in the assessment row?

- A. 52
- B. 583
- C. 828
- D. 308 (C)

**Explanation:** 828 is at the end and is greater than its only adjacent number, 670, so it is coloured in the answer.

8. The digits used to form the 5-digit numbers are

- A. 1, 0, 6, 3, 9
- B. 2, 0, 6, 3, 9
- C. 1, 0, 5, 3, 9
- D. 1, 2, 6, 3, 9 (A)

**Explanation:** The chapter says to form 5-digit numbers using the digits 1, 0, 6, 3, and 9 in some order.

9. Which of these numbers is greater than 50,000?

- A. 13,609
- B. 19,306
- C. 36,109
- D. 60,193 (D)

**Explanation:** 60,193 is more than 50,000. This matches the table-based question in the chapter.

10. Which of these is the smallest even number?

- A. 96,301
- B. 60,193
- C. 10,963
- D. 63,910 (D)

**Explanation:** An even number ends in 0, 2, 4, 6, or 8. Among these, 63,910 is even and is the smallest listed even option.