

CHAPTER-3 | Number Play

QUIZ PART-11

1. In Part 11, the chapter is mainly about

- A. fractions
- B. number patterns
- C. measuring length
- D. shapes only (B)

Explanation: This part is titled Playing with Number Pattern, so it focuses on patterns of numbers.

2. In figure (a), which two numbers are repeated?

- A. 30 and 40
- B. 40 and 50
- C. 50 and 60
- D. 20 and 40 (B)

Explanation: Figure (a) clearly shows only 40 and 50 repeated in a pattern.

3. In figure (a), how many times does 40 appear?

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

Explanation: The pattern has 3 rows of 40, with 4 boxes in each row. So, $3 \times 4 = 12$.

4. In figure (a), how many times does 50 appear?

- A. 8
- B. 10
- C. 12
- D. 14 (B)

Explanation: The pattern has 2 rows of 50, with 5 boxes in each row. So, $2 \times 5 = 10$.

5. What is the total sum of figure (a)?

- A. 900
- B. 950
- C. 980
- D. 1000 (C)

Explanation: Sum = $12 \times 40 + 10 \times 50 = 480 + 500 = 980$.

6. In figure (c), which two numbers are used?

- A. 16 and 32
- B. 32 and 64
- C. 64 and 128
- D. 32 and 48 (B)

Explanation: Figure (c) contains only 32 and 64.

7. In figure (c), what is the value of one 64 compared with one 32?

- A. half
- B. equal
- C. double
- D. triple (C)

Explanation: $64 = 2 \times 32$, so 64 is double 32.

8. In figure (f), what is the number at the center?

- A. 250
- B. 500
- C. 750
- D. 1000 (D)

Explanation: The innermost circle in figure (f) shows 1000.

9. Which numbers appear in figure (f)?

- A. 100, 200, 300
- B. 125, 250, 500, 1000
- C. 150, 300, 600
- D. 50, 100, 200 (B)

Explanation: Figure (f) is built using 125, 250, 500, and 1000.

10. What is the sum of the assessment pattern

- 40 70 35
70 40 70
35 70 40
- A. 430
 - B. 450
 - C. 470
 - D. 490 (C)

Explanation: Add all numbers: $40 + 70 + 35 + 70 + 40 + 70 + 35 + 70 + 40 = 470$.