Patterns - Worksheet 6

Grade 1 | Mathematics | Ch 9: Patterns | Total Marks: 19 | Time: 30 Minutes

Student Name: _____ **Roll / ID No:** _____

Grade / Section: _____ **Date:** _____ **Score:** _____ / 19

Instructions: Section A (Q1-Q4): Choose the correct option (A, B, C, or D). Section B (Q5-Q9): Write your exact one-word or numerical answer. Section C & D (Q10-Q15): Write your detailed answers, corrections, and show all working steps neatly in the space provided.

Q1. In Chapter 'Patterns', what is 12 + 5? [1 Mark]

( ) A. 16
( ) B. 17
( ) C. 18
( ) D. 19

Q2. Which number is 1 more than 17? [1 Mark]

( ) A. 17
( ) B. 19
( ) C. 16
( ) D. 18

Q3. Compare the quantities: 17 [?] 14. [1 Mark]

( ) A. >
( ) B. =
( ) C. <
( ) D.

Q4. What is the result of taking away 5 from 17? [1 Mark]

( ) A. 5
( ) B. 11
( ) C. 12
( ) D. 13

Q5. A baker made 12 blueberry muffins in the morning and 5 chocolate muffins in the afternoon. How many muffins did he bake in all? [1 Mark]

( ) A. 12 muffins
( ) B. 19 muffins
( ) C. 17 muffins
( ) D. 16 muffins

Q6. A school library table had 17 storybooks. Students checked out 5 books. How many books remain on the table? [1 Mark]

( ) A. 11 books
( ) B. 5 books
( ) C. 12 books
( ) D. 13 books

Q7. In a garden, there are 12 red butterflies and 5 blue butterflies. How many butterflies are fluttering together? [1 Mark]

( ) A. 12 butterflies
( ) B. 20 butterflies
( ) C. 5 butterflies
( ) D. 17 butterflies

Q8. Find the missing number: 12 + [?] = 17. [1 Mark]

( ) A. 12
( ) B. 5
( ) C. 6
( ) D. 4

Q9. What number completes the pattern: 12, 14, 16, [?]? [1 Mark]

( ) A. 17
( ) B. 18
( ) C. 19
( ) D. 20

Q10. A student said that 12 + 5 equals 27 because 'we always put 1 in front'. What mistake did the student make? [1 Mark]

( ) A. They forgot the decimal
( ) B. They confused adding numbers with writing digits side by side
( ) C. The addition is correct
( ) D. They subtracted instead

Q11. Sam claims: 'Taking away 5 from 17 gives 22.' What did Sam do wrong? [1 Mark]

( ) A. He forgot the tens
( ) B. He added instead of subtracting
( ) C. He counted backward
( ) D. He divided the numbers

Q12. Why is 17 greater than 12? [1 Mark]

( ) A. Because adding 5 positive items increases the total amount
( ) B. Because order doesn't matter
( ) C. Because subtraction makes numbers bigger
( ) D. Because it ends with an odd digit

Q13. If 12 + 5 = 17, what is 5 + 12? [1 Mark]

( ) A. 5
( ) B. 12
( ) C. 17
( ) D. 18

Q14. I am a mystery number. If you add 5 to me, you get 17. Then if you subtract 2, what do you get? [1 Mark]

( ) A. 10
( ) B. 14
( ) C. 12
( ) D. 5

Q15. Farmer Dan has 12 sheep. Farmer Ben has 5 sheep. How many sheep must Dan give to Ben so they have different counts by 1? **[1 Mark]**

( ) A. None
( ) B. Calculate difference
( ) C. 1 sheep
( ) D. All of them