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| **Question 1:**  Which of the following triplets are Pythagorean? |
| **Option A:**  (1, 2, 3) |
| **Option B:**  (3, 4, 5) |
| **Option C:**  (1, 1, 1) |
| **Option D:**  All of these |
| **Correct Option:**  **B** |
| **Solution**  Three natural numbers a, b, c are said to be Pythagorean triplets if a2 + b2 = c2 |
| **Level**  **3** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 2:**  A perfect square can never have the following digit in its unit place |
| **Option A:**  1 |
| **Option B:**  6 |
| **Option C:**  3 |
| **Option D:**  All of these |
| **Correct Option:**  **C** |
| **Solution**  3 |
| **Level**  **3** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 3:**  Given that , the value of is |
| **Option A:**  82.5 |
| **Option B:**  75.05 |
| **Option C:**  8.25 |
| **Option D:**  Cannot be deduce |
| **Correct Option:**  **C** |
| **Solution**  If  Then, |
| **Level**  **3** |
| **Length**  **VSQ** |
| **Marks**  **1** |