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| **Question 1:**  If the cost of 4 books and 5 notebooks is Rs. 32 and the cost of 4 notebooks and 5 books is Rs. 31. The cost of each book is \_\_\_\_\_\_. |
| **Option A:**  2 |
| **Option B:**  3 |
| **Option C:**  **4** |
| **Option D:**  5 |
| **Correct Option:**  **B** |
| **Solution**  Let the number of books and notebooks be a and b respectively. We have,  And  On multiplying eq. (i) by 4 and eq. (ii) by 5 and then subtracting, we get  This gives, a=3 |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 2:**  In a parking place, a total of 20 bikes and car were parked. If the total number of tyres were found to be 70, the numbers of cars in the parking place was\_\_\_\_\_\_\_\_\_\_\_ |
| **Option A:**  5 |
| **Option B:**  10 |
| **Option C:**  15 |
| **Option D:**  20 |
| **Correct Option:**  **C** |
| **Solution**  i.e.,  on solving equation (i) and (ii)  We get, c=15 and B=5. |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |

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| **Question 3:**  Time taken by Ashok to cover a distance of 750 km is 1h less than the time taken by Seema to cover the same with the half of his original speed Ashok would take 4h less than seema to cover the same distance. What is Ashok’s original speed? |
| **Option A:**  100 km/h |
| **Option B:**  150 km/h |
| **Option C:**  200 km/h |
| **Option D:**  None of these |
| **Correct Option:**  **B** |
| **Solution**  let the speed of Ashok and Seema be a km/h and b km/h respectively  On solving Eqs (i) and (ii) we get |
| **Level**  **2** |
| **Length**  **VSQ** |
| **Marks**  **1** |