Sample (8)

There are 6 questions in a mathematics exam paper and 50 candidates have attended the exam.   Among these 50 candidates, there are totally 202 questions answered correctly.   Each candidate has at least answered 2 questions correctly.   There are 5 candidates who have answered just 2 questions correctly.   The numbers of candidates who have answered just 3 questions correctly and just 5 questions correctly are the same.   Moreover, there are 9 candidates who have answered just 4 questions correctly.   From the above information, please find out the number of candidates who have answered all the questions correctly?

Answer: The number of candidates who have answered all the questions correctly is

_____.