**Solving Linear Algebra problem using SciPy**

DESCRIPTION

Problem:

Use SciPy to solve a linear algebra problem.

There is a test with 30 questions worth 150 marks. The test has two types of questions:

1. True or false – carries 4 marks each

2. Multiple-choice – carries 9 marks each

Find the number of true or false and multiple-choice questions.

**Result:**

Equations are made as **x + y = 30** and **4x + 9y = 150**. Solved using linalg.solve().

Solution is **x= 24 , y=9.** Which give the results:

1. True or false – carries 4 marks each = > **24 Questions**

2. Multiple-choice – carries 9 marks each => **6 Questions**