#### **Question 1**

#### Question text

An optimal assignment requires that the maximum number of lines that can be drawn through squares with zero opportunity cost be equal to the number of

### Select one:

- Rows or columns
- C Rows + columns -1
- C Rows & columns
- None of the above

# **Question 2**

### Question text

The purpose of a dummy row or column in an assignment problem is to

Select one:

- Obtain balance between total activities & total resources
- Prevent a solution from becoming degenerate
- None of the above
- Provide a means of representing a dummy problem

# **Question 3**

Question text

Maximization assignment problem is transformed into a minimization problem by

Select one:

- <sup>O</sup> Subtracting each entry in a column from the maximum value in that column
- Adding each entry in a column from the maximization value in that column
- Subtracting each entry in the table from the maximum value in that table
- Any of the options