## **1. Dada la siguiente estructura de clases:**

**public** **class** **Office** **{}**

**public** **class** **LandraOffice** **extends** **Office** **{}**

**public** **class** **RocheOffice** **extends** **Office** **{}**

**public** **class** **OptimizedLandraOffice** **extends** **LandraOffice** **{}**

Marca, de las siguientes respuestas, aquellas que al ejecutarlas provocarían una RuntimeException.

a.

**OptimizedLandraOffice** optimizedLandraOffice **=** **new** **OptimizedLandraOffice();**

**Office** office **=** **(Office)** optimizedLandraOffice**;**

b.

**RocheOffice** rocheOffice **=** **new** **RocheOffice();**

**Office** office **=** **(Office)** rocheOffice**;**

**LandraOffice** landraOffice **=** **(LandraOffice)** office**;**

c.

**LandraOffice** landraOffice **=** **new** **LandraOffice();**

**OptimizedLandraOffice** optimizedLandraOffice **=** **(OptimizedLandraOffice)** landraOffice**;**

d.

**OptimizedLandraOffice** optimizedLandraOffice **=** **new** **OptimizedLandraOffice();**

**LandraOffice** landraOffice **=** **(LandraOffice)** optimizedLandraOffice**;**

e.

**Office** office **=** **new** **Office();**

**RocheOffice** rocheOffice **=** **(RocheOffice)** office**;**

f.

**OptimizedLandraOffice** optimizedLandraOffice **=** **new** **OptimizedLandraOffice();**

**Office** office **=** **(Office)** optimizedLandraOffice**;**

**LandraOffice landraOffice = (LandraOffice) office;**