

“3-a-day” A-Level Exam Practice Unit 1 (025)

Question 1

A database stores information about songs on a music streaming service.

One of the tables called `Song` has the fields.

`Title`, `Artist`, `Genre`, `Length`

A band called *RandomBits* removes their permission for their songs to be streamed.

The company removes all the songs belonging to *RandomBits* from their service.

Write an SQL statement that will remove all songs by *RandomBits* from the table `Song`.

.....
.....
..... [2]

Question 2

When the songs have been removed, explain what must happen to the table `PlayListEntry` if the database is to retain its referential integrity. (You are not expected to write the SQL to do this).

.....
.....
..... [1]

Question3

A software development company is building an operating system for a mobile phone that is in the process of being designed.

(a) Give **one** reason the phone needs an operating system.

.....
..... [1]

The questions on this worksheet have been taken from the OCR A-Level Computer Science Practice Paper 1.1

Answer 1

```
- DELETE FROM Song  
- WHERE Artist='RandomBits'
```

(1 mark per -, max 2)

AO3.1

2

Answer 2

All entries in `PlayListEntry` which contain songs by `RandomBits` must be removed.

AO2.1

1

Answer 3

To control the hardware

AO1.1

1