

8 A database table `NATIONAL_TREES` stores details of the national trees of some countries from around the world.

| IDCode | Country | Continent | CommonName | ScientificName |
|--------|--------------------|---------------|----------------------|-----------------------|
| EU121 | Albania | Europe | Olive | Olea europaea |
| OC235 | Australia | Oceania | Golden wattle | Acacia pycnantha |
| NO126 | The Bahamas | North America | Lignum vitae | Guaiacum sanctum |
| AS534 | Bangladesh | Asia | Mango tree | Mangifera indica |
| SO326 | Brazil | South America | Brazilwood | Caesalpinia echinata |
| NO124 | Canada | North America | Maple | Acer |
| EU321 | Cyprus | Europe | Golden oak | Quercus alnifolia |
| NA456 | Dominican Republic | North America | West Indian mahogany | Swietenia mahagoni |
| EU652 | Finland | Europe | Silver birch | Betula pendula |
| AS222 | India | Asia | Indian banyan | Ficus benghalensis |
| NO232 | Jamaica | North America | Blue mahoe | Talipariti elatum |
| AF875 | Madagascar | Africa | Baobab | Adansonia |
| OC123 | New Zealand | Oceania | Silver fern | Cyathea dealbata |
| AS498 | Philippines | Asia | Narra | Pterocarpus indicus |
| AF501 | South Africa | Africa | Real yellowwood | Podocarpus latifolius |
| SO522 | Venezuela | South America | Araguaney | Tabebuia chrysantha |

(a) State the number of fields and records in this database table.

fields

records

[2]

(b) The data in both `IDCode` and `Country` fields are unique in the database table.

State **one** reason why `IDCode` would make a better primary key than `Country`

.....

..... [1]

(c) Give the output that would be produced by the structured query language (SQL) statement:

```
SELECT IDCode, Country, CommonName
FROM NATIONAL_TREES
WHERE Continent = "Europe";
```

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.....

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..... [3]

(d) Complete the SQL statement to list only the country, common name and scientific name of the national trees listed for North America, in alphabetical order of their common names.

SELECT

FROM

WHERE

..... ;

[5]