|  |  |  |
| --- | --- | --- |
| **Question 2** |  | 1.5 / 1.5 points |

How many airports are in Vietnam, Cambodia and Laos.  Provide the combined total from all 3 countries.

Question options:

|  |  |  |
| --- | --- | --- |
|  | 65 | |
|  | 24 | |
|  | 57 | |
|  | 54 | |
| **Question 3** |  | 1.5 / 1.5 points | |

How many active ('Y') airlines are based in the "United Kingdom"?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 346 | |
|  | 12 | |
|  | 40 | |
|  | 2134 | |
| **Question 4** |  | 1.5 / 1.5 points | |

How many airlines operate out (source airport) of Pearson International (airport iata code "YYZ") that are active (active is "Y")?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 123 | |
|  | 46 | |
|  | 320 | |
|  | 509 | |
| **Question 5** |  | 1.5 / 1.5 points | |

What is the aircraft code for the aircraft that operates route id 548?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 320 | |
|  | 115 | |
|  | 231 | |
|  | 423 | |
| **Question 6** |  | 1.5 / 1.5 points | |

What is the average elevation for airports located in Australia? Enter number rounded to 2 decimal places.

Question options:

|  |  |  |
| --- | --- | --- |
|  | 459.18 | |
|  | 13546.55 | |
|  | 4434.56 | |
|  | 43434.5 | |
| **Question 7** |  | 1 / 1 point | |

How many routes are there for active ('Y') airlines based in Japan and China?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 436 | |
|  | 8589 | |
|  | 5325 | |
|  | 7865 | |
| **Question 8** |  | 1 / 1 point | |

The country that have the highest number of airports is

Question options:

|  |  |  |
| --- | --- | --- |
|  | India | |
|  | United States | |
|  | China | |
|  | United Kingdom | |
| **Question 9** |  | 0 / 1 point | |

How many active ('Y') airlines are there that are operating Airbus (name) aircrafts?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 14\* | |
|  | 252 | |
|  | 56 | |
|  | 225 | |
| **Question 10** |  | 1 / 1 point | |

How many routes are there for active ('Y') airlines based in Austria and Canada?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 1994 | |
|  | 1998 | |
|  | 5423 | |
|  | 1233 | |
| **Question 11** |  | 1 / 1 point | |

How many airports in a timezone name containing 'America' are used as a source airport (source\_airport\_id) for a route that has aircraft that have a wake of 'H' or 'L'?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 348 | |
|  | 127 | |
|  | 643 | |
|  | 591 | |
| **Question 12** |  | 1.5 / 1.5 points | |

What is the callsign for the airline called "Air Aurora"

Question options:

|  |  |  |
| --- | --- | --- |
|  | BOREALIS | |
|  | Inc. | |
|  | TURISTICA AURORA | |
|  | AIR AURORA | |
| **Question 13** |  | 1.5 / 1.5 points | |

How many distinct airline callsigns start with Q? Make sure to take upper and lower case into account.

Question options:

|  |  |  |
| --- | --- | --- |
|  | 24 | |
|  | 62 | |
|  | 21 | |
|  | 4 | |
| **Question 14** |  | 0 / 1.5 points | |

How many airports do not have an ICAO? (empty ='' or NULL)

Question options:

|  |  |  |
| --- | --- | --- |
|  | 1321 | |
|  | 63 | |
|  | 463 | |
|  | 1258\* | |
| **Question 15** |  | 1.5 / 1.5 points | |

How many airports are there?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 9000 | |
|  | 8700 | |
|  | 8107 | |
|  | 7800 | |
| **Question 16** |  | 1.5 / 1.5 points | |

How many distinct airline callsigns start with B? Make sure to take upper and lower case into account.

Question options:

|  |  |  |
| --- | --- | --- |
|  | 654 | |
|  | 709 | |
|  | 257 | |
|  | 243  2.Select \* from airports  where Country\_id in (SELECT id from countries  where name in ('Vietnam','Laos','Cambodia'))  3.select count(id) from airlines  where country\_id=(select id from countries  where name='United Kingdom') and active='Y'  4.select count(id) from airlines  where id in (select airline\_id from routes  where Source\_airport\_id= (select id from airports  where iata='YYZ')) and active='Y'  5.select \* from aircrafts  where id=(select aircraft\_id from Route\_aircrafts  where Route\_id=548)  6.select avg(elevation) from airports  where Country\_id in (SELECT id from countries  where name='Australia')  7.select count(id) from routes  where airline\_id in (select id from airlines  where country\_id in (select id from countries  where name in ('Japan','China') and active='Y'))  8.select country\_id,count(country\_id) as count from airports  group by country\_id  order by count desc  limit 1  select \* from countries  where id=160  9. select count(id) from airlines  where id in (select airline\_id from routes  where id in (select route\_id from route\_aircrafts  where aircraft\_id in (select id from aircrafts  where name='Airbus'))) and active='Y'  10.select \* from routes  where airline\_id in (select id from airlines  where active='Y' and country\_id in( select id from countries  where name in ('Austria','Canada')))  11.select \* from airports  where timezone\_name like '%America%' and id in (select Source\_airport\_id from routes  where id in (select route\_id from route\_aircrafts  where aircraft\_id in (select id from aircrafts  where wake\_size='H' or wake\_size='L')))  12.select callsign from airlines  where name='Air Aurora'  13.select distinct(callsign) from airlines  where lower(callsign) like 'q%'  14. select count (id) from airports  where icao is null or icao=''  15.select count(id) from airports  16.select distinct(callsign) from airlines  where lower(callsign) like 'b%' | |
|  |  | |
| **Question 1** |  | 1 / 1 point | |

How many airports in a timezone name containing 'Asia' are used as a source airport (source\_airport\_id) for a route that has aircraft that have a wake of 'H' or 'L'?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 324 | |
|  | 226 | |
|  | 32 | |
|  | 432 | |
| **Question 2** |  | 1 / 1 point | |

How many routes are there for active ('Y') airlines based in France and the United Kingdom?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 543 | |
|  | 5357 | |
|  | 5170 | |
|  | 1243 | |
| **Question 3** |  | 1 / 1 point | |

How many routes are there for active ('Y') airlines based in Australia and New Zealand?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 453 | |
|  | 1325 | |
|  | 34325 | |
|  | 231 | |
| **Question 4** |  | 1 / 1 point | |

How many active ('Y') airlines are there that are operating Boeing (name) aircrafts?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 231 | |
|  | 155 | |
|  | 223 | |
|  | 324 | |
| **Question 5** |  | 1 / 1 point | |

How many airports fly aircraft made by Douglas (aircrafts name) have a source airport with an elevation of over 1000?

Question options:

|  |  |
| --- | --- |
|  | 66 |
|  | 4 |
|  | 16 |
|  | 12 |

|  |  |  |
| --- | --- | --- |
| **Question 7** |  | 1.5 / 1.5 points |

How many airports have an IATA that have the letter A in the middle?  i.e. AAA, TAT, YAW, XAW

Question options:

|  |  |  |
| --- | --- | --- |
|  | 234 | |
|  | 358 | |
|  | 344 | |
|  | 970 | |
| **Question 8** |  | 1.5 / 1.5 points | |

How many airports have a blank (='') or NULL timezone name?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 92 | |
|  | 56 | |
|  | 23 | |
|  | 0 | |
| **Question 9** |  | 1.5 / 1.5 points | |

How many airports have an iata that start with 'Y'? Upper case only.

Question options:

|  |  |  |
| --- | --- | --- |
|  | 416 | |
|  | 693 | |
|  | 346 | |
|  | 116 | |
| **Question 10** |  | 1.5 / 1.5 points | |

How many airports do not have an IATA? (empty ='' or NULL)

Question options:

|  |  |  |
| --- | --- | --- |
|  | 2227 | |
|  | 127 | |
|  | 227 | |
|  | 2 | |
| **Question 11** |  | 1.5 / 1.5 points | |

What is the code for the Boeing 737-900?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 793 | |
|  | 932 | |
|  | 739 | |
|  | 536 | |
| **Question 12** |  | 1.5 / 1.5 points | |

What is the average elevation for the airports found in the timezone of "Europe/Bucharest" (just the numbers before the decimal, not rounded)?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 76869 | |
|  | 716 | |
|  | 4534 | |
|  | 235 | |
| **Question 13** |  | 1.5 / 1.5 points | |

How many routes are serviced by the aircraft that have a description of "767-400"?

Question options:

|  |  |  |
| --- | --- | --- |
|  | 167 | |
|  | 134 | |
|  | 153 | |
|  | 533 | |
| **Question 14** |  | 1.5 / 1.5 points | |

What is the aircraft code for the aircraft that operates route id 230?

Question options:

|  |  |  |
| --- | --- | --- |
|  | CR2 | |
|  | SF3 | |
|  | AT7 | |
|  | ATP | |
| **Question 15** |  | 1.5 / 1.5 points | |

What is the maximum elevations for the timezone of "America/Phoenix"

Question options:

|  |  |  |
| --- | --- | --- |
|  | 7578 | |
|  | 87568 | |
|  | 656 | |
|  | 7015 | |
| **Question 16** |  | 1.5 / 1.5 points | |

How many routes does "Isles of Scilly Skybus" have that end (destination airport) in "Irkutsk"?

Question options:

|  |  |
| --- | --- |
|  | 10 |
|  | 6 |
|  | 21 |
|  | 5 |
|  |  |

1.select \* from airports  
where timezone\_name like '%America%' and id in (select Source\_airport\_id from routes  
where id in (select route\_id from route\_aircrafts  
where aircraft\_id in (select id from aircrafts  
where wake\_size='H' or wake\_size='L')))  
  
2.select count(id) from routes  
where airline\_id in (select id from airlines  
where country\_id in (select id from countries  
where name in ('France','United Kingdom') and active='Y'))  
  
3.select count(id) from routes  
where airline\_id in (select id from airlines  
where country\_id in (select id from countries  
where name in ('Australia','New Zealand') and active='Y'))  
  
4.select count(id) from airlines  
where id in (select airline\_id from routes  
where id in (select route\_id from route\_aircrafts  
where aircraft\_id in (select id from aircrafts  
where name='Boeing'))) and active='Y'  
  
5.select count(id) from Airports  
where id in (select Source\_airport\_id from routes  
where id in (select route\_id from route\_aircrafts  
where aircraft\_id in (select id from aircrafts  
where name='Douglas'))) and elevation>1000  
  
6.select count(id) from airports  
where iata like '\_A\_'  
  
7.select count(id) from airports  
where timezone\_name='' or timezone\_name is null  
  
8.select count(id) from airports  
where timezone\_name='' or timezone\_name is null  
  
9.select count(id) from airports  
where iata like 'Y%'  
  
10.select count(id) from airports  
where iata is null or iata=''  
  
11.select code from aircrafts  
where name='Boeing' and  description ='737-900'  
  
12.select avg(elevation) from airports  
where timezone\_name='Europe/Bucharest'  
  
13.select count(route\_id) from route\_aircrafts  
where aircraft\_id=(select id from aircrafts  
where description ='767-400')  
  
14.select code from aircrafts  
where id=(select aircraft\_id from Route\_aircrafts  
where Route\_id=230)  
  
15.select max(elevation) from airports  
where timezone\_name='America/Phoenix'  
  
16.select count(id) from routes  
where  airline\_id = (select id from airlines  
where name='Isles of Scilly Skybus') and  destination\_airport\_id = (select id from airports  
where name='Irkutsk')