**Collective Intelligence**

**Assignment 1 Part 2**

**Section1**

1. Australia has six states and various territories.
2. Canberra is the capital of Australia and located in the ACT.
3. Melbourne is the capital of the state of Victoria and it has two airports.
4. Those two airports are known as Tullamarine airport and Avalon airport.
5. Tullamarine airport is served by Qantas, Virgin and Tigerair flights.
6. Avalon is served by Qantas and Virgin.
7. Melbourne has several train stations.
8. Main train station for Melbourne is Melbourne Central.
9. Brisbane is the capital of the state of Queensland.
10. Brisbane has several train stations.
11. Main train station for Brisbane is Brisbane Central which is located in the centre of Brisbane.
12. Also, there is South Brisbane station which is located across the Brisbane River.
13. Public transports such as bus, trams and railway lines to available to get around in Melbourne.
14. Stations are broken up into 2 Myki ticketing zones.
15. Visitors can stay in a hotel when they are in Melbourne and Brisbane.
16. Hotels have different rating and rates change depends on those rating.
17. Canberra, Melbourne and Brisbane are full of sights, such as churches, monuments, museums and family attractions.
18. Brisbane is well known for its family attractions such as the Gold Coast theme parks and the Australian Zoo.
19. Fee to enter the Australian Zoo is $59 AUD for adults and $35AUD for children, although a family pass with 2 children and 2 adults is $172AUD.
20. There are organized tours to see the sights of Melbourne and surrounding regions such as the great ocean and the Yarra valley wineries.
21. Visitors should take the opportunity to visit many event taking places during different periods such as theatre, opera performances and concerts while they are in Melbourne.
22. There are a number of travels guides for Melbourne, Canberra or Brisbane and those guides are available in several formats such as guidebook or CD.
23. Maps of these cities can also be found in paper format or in an electronic format.

**Section 2**

1. Australia has six states and various territories.
2. Australia has both states and territories.
3. Canberra is the capital of Australia and located in the ACT.
4. A city is the capital of a country.
5. A city is located in a state or territory.
6. Melbourne is the capital of the state of Victoria and it has two airports.
7. A city can be the capital of state.
8. A city can have two airports.
9. Those two airports are known as Tullamarine airport and Avalon airport.
   1. A city can have two airports.
10. Tullamarine airport is served by Qantas, Virgin and Tigerair flights.
    1. Airport is served by three flights.
11. Avalon is served by Qantas and Virgin.
    1. Airport is served by two flights.
12. Melbourne has several train stations.
    1. A city has several train stations.
13. Main train station for Melbourne is Melbourne Central.
    1. A city has a main train station.
14. Brisbane is the capital of the state of Queensland.
    1. A city can be the capital of state.
15. Brisbane has several train stations.
    1. A city can have several train stations.
16. Main train station for Brisbane is Brisbane Central which is located in the centre of Brisbane.
    1. A city has a one main train station.
17. Also, there is South Brisbane station which is located across the Brisbane River.
    1. A city has one more train station.
18. Public transports such as bus, trams and railway lines to available to get around in Melbourne.
    1. A city has different modes of transportation such as bus, trams and railway lines.
19. Stations are broken up into 2 Myki ticketing zones.
    1. Stations have ticket zones.
20. Visitors can stay in a hotel when they are in Melbourne and Brisbane.
    1. Cities have hotels.
21. Hotels have different rating and rates change depends on those rating.
    1. Hotels have different ratings.
    2. Prices differ on ratings.
22. Canberra, Melbourne and Brisbane are full of sights, such as churches, monuments, museums and family attractions.
    1. Cities have a lots of sight-seeing places such as churches, monuments, museums and family attractions.
23. Brisbane is well known for its family attractions such as the Gold Coast theme parks and the Australian Zoo.
    1. A city has family attractions such as the Gold Coast theme park and the Australian Zoo.
24. Fee to enter the Australian Zoo is $59AUD for adults and $35AUD for children, although a family pass with 2 children and 2 adults is $172AUD.
    1. Fees to enter the Australian Zoo can be different according to age.
    2. Fees to enter the Australian Zoo can different according to group of people.
25. There are organized tours to see the sights of Melbourne and surrounding regions such as the great ocean and the Yarra valley wineries.
    1. City tours are available for travelers.
26. Visitors should take the opportunity to visit many event taking places during different periods such as theatre, opera performances and concerts while they are in Melbourne.
    1. City has many events such as theatre, opera performances and concerts.
27. There are a number of travels guides for Melbourne, Canberra or Brisbane and those guides are available in several formats such as guidebook or CD.
    1. Cities have different travel guides with different formats.
28. Maps of these cities can also be found in paper format or in an electronic format.
    1. Cities have city maps.
    2. City maps can have several formats.

## **Section 3.**

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| **1.** | **What is the purpose of the ontology** |
|  | This provides information on attractions and public transportations of Australia for tourists. |
| **2.** | **What is the scope of the ontology** |
|  | Australia’s states, cities, attractions, public transportations |
| **3.** | **What is the level of Formality** |
|  | Informal |
| **4.** | **Who are the Intended Users** |
|  | Tourists |
| **5.** | **What are the Intended Uses** |
|  | Tourists can have information of states, cities, public transportations and tourist attractions of Australia. |
| **6.** | **List the Groups of Competency Questions and Answers (e.g Priorities)** |
|  | How many states and regions does a certain country has? **Six states and various territories**  What city is the capital of a certain country? **Canberra**  In what state or territory is a certain city located? **ACT**  What is the capital of a certain state? **Melbourne**  How many airports does a certain city have? **2**  What flights serve certain airport? **Qantas, Virigin, Tigerair Flights**  What flights serve certain airport? **Qantas, Virgin**  How many train stations does a certain city have? **Several**  What is the main train station of a certain city? **Melbourne Central**  What is the capital of certain state? **Brisbane**  How many train stations does a certain city have? **Several**  What is the main train station of certain city? **Brisbane Central**  What public transports are available to get around in a certain city? **Bus, trams, railway lines**  How many ticketing zones are there in train stations of a certain city? **2**  What district does certain ticket zone cover? **Central Business District**  Where can people stay when they are in cities? **Hotels**  What factors do hotel prices differ on? **Rating and time of year.**  What do the cities have for sight-seeing? **Churches, monuments, museums and family attraction**  What sight-seeing places does a certain city have? **St. Patrick’s Cathedral, the Shine of Remembrance and the Melbourne Museum**.  What museum does a certain city have? **Australian War Museum**  What certain city is known for certain family attractions? **the Gold coast theme parks and the Australian Zoo.**  What is the fee to enter a certain place? **$59 AUD and $35 AUD for adults and children respectively for the Australian Zoo**  What is the price of a certain pass of a certain place? **$172 AUD for the family pass with 2 children and 2 adults for the Australian Zoo**  How can people see sights and regions of a certain city? **Organized Tours**  What events are available in a certain city? **Theatre, opera performances and concerts**  What are available for tourists who visit the cities? **Number of travel guides**  In what format are travel guides available in? **Guidebook or CD**  What format can city maps be found? **Paper, electronic format**. |
| **7.** | **Pre-Glossary of Terms** |
|  | **List terms included in the CQs and their frequencies**  City: 15  Capital: 3  State: 4  Territory: 2  Airport: 3  Train station: 5  Public transport: 1  Hotel: 2  Sight-seeing - 2  Family attractions – 1 |
|  | **List objects and their frequencies**  Canberra: 1  ACT: 1  Brisbane:  Australia: 1  Melbourne: 1  Qantas: 2  Virgin: 2 |