

2814ICT - Data Management

Trimester 1, 2020

Designing a Database for Commonwealth Transport Services

| Presentation | Full marks | Your marks |
|---|------------|------------|
| Inclusion of a title page with acknowledgement | 1 | |
| Inclusion of 'table of contents' and automatically generated page numbers | 2 | |
| Inclusion of bibliography or justification for not having one | 2 | |
| Overall organization and clarity of presentation | 3 | |
| Subtotal | 8 | |

| Task 1: Create Tables | Full marks | Your marks |
|--|------------|------------|
| 0.5 marks for correctly creating the following FOUR tables LANGUAGE COUNTRY LOCATION_TYPE OFFICIAL_ROLE | 2 | |
| 1 mark for correctly creating the following TWO tables: VEHICLE DRIVER | 2 | |
| 2 marks for correctly creating the following table. If a foreign key is not referenced deduct 1 mark. MAINTANANCE_REPAIR | 2 | |
| 2.5 marks for correctly creating the following FOUR tables. If a foreign key is not referenced deduct 1 mark. OFFICIAL LOCATION COUNTRY_LANGUAGE DRIVER_LANGUAGE | 10 | |
| 4 marks for correctly creating the following table. If a foreign key is not referenced deduct 0.5 mark. TRIP | 4 | |
| Subtotal | 20 | |

| Task 2: Insertion | Full marks | Your marks |
|---|------------|------------|
| <p>1.5 marks for correctly inserting minimum 5 sample data in the following FOUR tables</p> <p>LANGUAGE COUNTRY LOCATION_TYPE OFFICIAL_ROLE</p> | 6 | |
| <p>2 marks for correctly inserting minimum 5 sample data in the following TWO tables. If the foreign key constraint is not satisfied deduct 1 mark.</p> <p>VEHICLE DRIVER</p> | 4 | |
| <p>3 marks for correctly inserting minimum 5 sample data in the following table. If a foreign key constraint is not satisfied deduct 0.5 mark.</p> <p>MAINTANANCE_REPAIR</p> | 3 | |
| <p>3 marks for correctly inserting 5 sample data in the following FOUR tables: If a foreign key constraint is not satisfied deduct 1 mark.</p> <p>OFFICIAL LOCATION COUNTRY_LANGUAGE DRIVER_LANGUAGE</p> | 12 | |
| <p>5 marks for correctly inserting minimum 5 sample data in the following table. If a foreign key constraint is not satisfied deduct 1 mark.</p> <p>TRIP</p> | 5 | |
| Subtotal | 30 | |

| Task 3: Query | Full marks | Your marks |
|---|------------|------------|
| <p>4 marks for each of the EIGHT queries.</p> <ul style="list-style-type: none"> Award 4 marks if the query is correct and the output produces at least one record Award 3 marks if the query is correct but does not produce at least one output record | 32 | |
| Subtotal | 32 | |

| Task 4: Transaction | Full marks | Your marks |
|--|--|------------|
| <p>0.5 marks for correct insertion of data into the following tables. <i>It is okay if they insert correct data in Task 2.</i></p> <p>LANGUAGE COUNTRY COUNTRY_LANGUAGE OFFICIAL_ROLE OFFICIAL LOCATION DRIVER DRIVER_LANGUAGE</p> | 4 | |
| <p>2 marks for correct insertion of data into the following tables. <i>It is okay if they insert correct data in Task 2.</i></p> <p>TRIP</p> | 2 | |
| <p>4 marks for correctly UPDATING the table</p> <p>TRIP</p> | 4 | |
| Subtotal | 10 | |
| Grand Total | <div> <div></div> <div>Out of 15%</div> </div> | |