Answer 1.1

a) The query gives the first name, last name, phone and country of the customer who have filed a report with the employees of postal code 'T3B 1Y7'.

```
b) J1 \leftarrow \rhoc(Customer) Xc.SupportRepId=e.EmployeeId \rhoe(Employee) S \leftarrow \sigmae.PostalCode='T3B 1Y7' (J1) P \leftarrow \pic.FirstName, c.LastName, c.Phone, c.Country (S) R \leftarrow \rhoc (cFirst, cLast, cPhone, cCountry)(P)
```

Where 'R' is the final result of the query.

Answer 1.2

a) The query selects artist name, album name, title name and media type name of all medias whose type is anything other than 'MPEG audio file'.

a. Name as artName, alb. Title as albTitle, t. Name as tName, mt. Name as mType

b) **SELECT**

```
artist a
INNER JOIN
(( album alb
INNER JOIN
(track m
INNER JOIN
mediatype mt
ON t.mediaTypeId=mt.MediaTypeId)
ON t.albumId=alb. albumId)
ON a.ArtistId=alb.ArtistId
WHERE
mt.Name <> 'MPEG audio file'
```