1. A) SELECT cust.last\_name , cust.first\_name , cust.pack\_id , pack.speed FROM customers cust JOIN packages pack ON cust.pack\_id = pack.pack\_id ;

B )SELECT cust.last\_name , cust.first\_name , cust.pack\_id , pack.speed FROM customers cust JOIN packages pack ON cust.pack\_id = pack.pack\_id WHERE cust.pack\_id IN (27, 22) ORDER BY cust.last\_name;

2. A) SELECT pack.pack\_id , pack.speed, pack.monthly\_payment, sect.sector\_name FROM packages pack JOIN sectors sect ON pack.sector\_id = sect.sector\_id; B )SELECT cust.last\_name , cust.first\_name , pack.pack\_id , pack.speed, pack.monthly\_payment, sect.sector\_name FROM packages pack JOIN sectors sect ON pack.sector\_id = sect.sector\_id JOIN customers cust ON cust.pack\_id = pack.pack\_id;

C )SELECT cust.last\_name , cust.first\_name , pack.pack\_id , pack.speed, pack.monthly\_payment, sect.sector\_name FROM packages pack JOIN sectors sect ON pack.sector\_id = sect.sector\_id JOIN customers cust ON cust.pack\_id = pack.pack\_id WHERE sect.sector\_name = 'Business';

3.SELECT cust.last\_name , cust.first\_name , cust.join\_date, pack.pack\_id , pack.speed ,sect.sector\_name FROM packages pack JOIN sectors sect ON pack.sector\_id = sect.sector\_id JOIN customers cust ON cust.pack\_id = pack.pack\_id WHERE sect.sector\_name = 'Private' AND year(cust.join\_date) = 2006 ;

4.SELECT pack.pack\_id , pack.speed, pack.monthly\_payment , grd.grade\_name FROM packages pack JOIN pack\_grades grd ON pack.monthly\_payment BETWEEN grd.min\_price AND grd.max\_price ;

5.A )SELECT cust.last\_name , cust.first\_name , pack.speed , pack.monthly\_payment FROM customers cust JOIN packages pack ON cust.pack\_id = pack.pack\_id ;

B) SELECT cust.last\_name , cust.first\_name , pack.speed , pack.monthly\_payment FROM customers cust LEFT OUTER JOIN packages pack ON cust.pack\_id = pack.pack\_id;

C )SELECT cust.last\_name , cust.first\_name , pack.speed , pack.monthly\_payment FROM customers cust RIGHT OUTER JOIN packages pack ON cust.pack\_id = pack.pack\_id;

D) SELECT cust.last\_name , cust.first\_name , pack.speed , pack.monthly\_payment FROM customers cust FULL OUTER JOIN packages pack ON cust.pack\_id = pack.pack\_id;

6.SELECT cust1.last\_name , cust1.first\_name , cust1.pack\_id FROM customers cust1 JOIN customers cust2 ON cust2.last\_name = 'Taylor' AND cust2.first\_name = 'Amado' AND cust2.pack\_id = cust1.pack\_id;

7.SELECT cust1.last\_name , cust1.first\_name , cust1.pack\_id , cust1.monthly\_discount FROM customers cust1 JOIN customers cust2 ON cust2.Customer\_Id = 103AND cust1.monthly\_discount < cust2.monthly\_discount;

8.SELECT pack1.pack\_id , pack2.speed FROM packages pack1 JOIN packages pack2 ON pack2.pack\_id = 10 AND pack1.speed = pack2.speed;