1. Select [model], [speed], [hd] from PC where price<500

2. Select [type] from Printer

3. Select [model], [ram], [screen] from Laptop where price>1000

4. Select \* from Printer where type='Jet'

5. Select [model], [speed], [hd] from PC where price<600 and cd='12x' or cd='24x'

6. Select [speed] from Laptop where hd<=10

7. Select model, price from Printer where model = (select model from Product where maker = 'B' and type = 'Printer')union select model, price from PC where model = (select model from Product where maker = 'B' and type = 'PC') union select model, price from Laptop where model = (select model from Product where maker = 'B' and type = 'Laptop')

8. Select [maker] from Product Inner Join PC on Product.model=Pc.model

9. Select [maker],[speed] from Product Inner Join PC on Product.model=Pc.model where speed>=450

10. Select [model], [price] from Printer where price=(Select MAX(price) from Printer)

11. Select AVG(speed) from Laptop

12. Select AVG(speed) from PC Inner Join Product on Product.model=PC.model

13. Select AVG(speed) from Product Inner Join PC on Product.model=PC.model

14. select [speed], AVG(price) from PC GROUP BY speed

14.2. select maker from Product GROUP BY maker HAVING COUNT(model)>1

**15.** select hd from Laptop Group By hd HAVING COUNT(hd)>2

**16.**

**17**. SELECT P.type, L.model, L.speed FROM Product P JOIN Laptop L ON P.model = L.model UNION SELECT P.type, P.model, PC.speed FROM Product P JOIN PC ON P.model = PC.model;

**18.** Select Product.maker, Printer.price from Product JOIN Printer ON Product.model = Printer.model AND Printer.color = 'y'

**19.** Select Product.maker, AVG(Laptop.screen) from Product JOIN Laptop ON Laptop.model = Product.model Group By Product.maker

**20.** Select Product.maker, COUNT(Product.model) as count from Product where Product.type = 'PC' or Product.type = 'Laptop' Group By Product.maker HAVING COUNT(Product.type)>2

**21.** Select Product.maker, MAX(Laptop.price) from Product Join Laptop ON Product.model = Laptop.model Group By Product.maker

**22.** select PC.speed, AVG(Laptop.price) from PC JOIN Laptop ON Pc.speed=Laptop.speed Group By PC.speed HAVING PC.speed>600

**23.** SELECT Product.maker FROM PC JOIN Product ON PC.model = Product.model WHERE pc.speed > 750 UNION SELECT Product.maker FROM Laptop JOIN Product ON Product.model = Laptop.model WHERE Laptop.speed > 750;

**24.** SELECT COUNT(model) AS NumberOfModels FROM (SELECT model, MAX(price) AS max\_price FROM Printer GROUP BY model UNION SELECT model, MAX(price) AS max\_price FROM PC GROUP BY model UNION SELECT model, MAX(price) AS max\_price FROM Laptop GROUP BY model) AS MaxPrices;

**25.**

**26.** SELECT Product.maker, AVG(Laptop.price)as laptop\_price, AVG(PC.price) as pc\_price FROM Product

LEFT JOIN PC ON Product.model = PC.model LEFT JOIN Laptop ON Laptop.model = Laptop.model WHERE Product.maker = 'A' GROUP BY Product.maker;

**27.** SELECT DISTINCT p.maker, SUM(l.hd) AS AvgLaptopHD FROM Product p JOIN Laptop l ON p.model = l.model WHERE p.maker IN (SELECT maker FROM Product WHERE type = 'Printer') GROUP BY p.maker;

**28.** SELECT DISTINCT p.maker, AVG(l.hd) AS AvgLaptopHD FROM Product p JOIN Laptop l ON p.model = l.model WHERE p.maker IN (SELECT maker FROM Product WHERE type = 'Printer') GROUP BY p.maker;