1. SELECT model,speed,hd

FROM PC

WHERE price<500

2. SELECT DISTINCT maker

FROM Product

WHERE type = 'Printer'

3. SELECT DISTINCT model,ram,screen

FROM Laptop

WHERE price>1000

4. SELECT \* FROM Printer

WHERE color = 'y'

5. SELECT DISTINCT model,speed,hd

FROM PC

WHERE price<600 AND (cd = '12x' OR cd='24x')

6. SELECT DISTINCT Product.maker,Laptop.speed

FROM Product JOIN

Laptop ON Laptop.model = Product.model

WHERE hd>= '10'

7. SELECT DISTINCT PC.model, price

FROM PC INNER JOIN

Product ON PC.model = Product.model

WHERE maker = 'B'

UNION

SELECT DISTINCT Laptop.model, price

FROM Laptop INNER JOIN

Product ON Laptop.model = Product.model

WHERE maker = 'B'

UNION

SELECT DISTINCT Printer.model, price

FROM Printer INNER JOIN

Product ON Printer.model = Product.model

WHERE maker = 'B'

8. SELECT DISTINCT maker FROM Product

WHERE maker IN (SELECT DISTINCT maker FROM Product WHERE type = 'PC')

EXCEPT

SELECT maker FROM Product WHERE type = 'Laptop'

9. SELECT DISTINCT maker

FROM Product JOIN

PC ON PC.model = Product.model

WHERE speed>='450'

10. SELECT DISTINCT model,price

FROM Printer

WHERE price = (SELECT MAX(price) FROM Printer)

11. SELECT DISTINCT AVG(speed) AS Avg\_speed

FROM PC

12. SELECT DISTINCT AVG(speed) AS Avg\_speed

FROM Laptop

WHERE price>'1000'

13. SELECT DISTINCT AVG(speed) AS Avg\_speed

FROM Laptop

WHERE price>'1000'

14. SELECT maker, MAX(type)

FROM product

GROUP BY maker

HAVING COUNT(DISTINCT type) = 1 AND COUNT(model) > 1

15. SELECT

PC.hd FROM PC

GROUP BY hd

HAVING COUNT(hd) > 1

16. SELECT DISTINCT A.model AS model\_1, B.model AS model\_2,A.speed,A.ram

FROM PC AS A, PC B

WHERE A.speed = B.speed AND

A.ram = B.ram AND A.model > B.model

17. SELECT DISTINCT Product.type,Laptop.model, speed

FROM Laptop, Product

WHERE speed < ALL (SELECT speed

FROM PC

) AND Product.type='Laptop'

18. SELECT DISTINCT product.maker,a.priceA price

FROM (SELECT MIN(price) priceA

FROM Printer WHERE color = 'y') a

INNER JOIN

Printer b ON a.priceA = b.price INNER JOIN

Product ON Product.model = b.model

WHERE product.model IN(SELECT printer1.model FROM Printer Printer1

WHERE color = 'y')

19. SELECT maker, AVG(screen) AS ret

FROM Product

INNER JOIN

Laptop ON Product.model = Laptop.model

GROUP BY maker

20. SELECT maker, COUNT(model) AS ret

FROM Product

WHERE type = 'PC'

GROUP BY maker

HAVING COUNT(model)>2