

bài tập SQL

Đợt 1 - CKT - 2020 - 2021

1.2

a) SELECT BN.HOTEN, BN.CAOID
FROM BENH_NHAN AS BN
WHERE BN.DIEN_TONG = 'BHYT'
OR BN.DIACH = 'Dong Nai'
ORDER BY SLPT DESC

b).

SELECT KB.MAKB, BN.MADN, BN.HOTEN
FROM BENH_NHAN AS BN
JOIN KHAMBEN AS KB
ON BN.MADN = KB.MADN
WHERE YEAR(BN.NG_SINH) > 2020
AND
KB.BENH = 'Tüm Mach'
)

1

ALADDINS

c) SELECT BN.MADN, BN.HOTEN,
COUNT(KB.MAKB) AS SL
FROM BENH_NHAN AS BN
JOIN KHAMBEN AS KB
ON BN.MADN = KB.MADN
WHERE YEAR(BN.BATDAU) = 2020
GROUP BY BN.MADN, BN.HOTEN

d) SELECT BS.MADS, BS.HOTEN
FROM BACSI AS BS
JOIN PHUTRACH AS PT
ON BS.MADS = PT.MADS
WHERE BS.CHUYEN_MON = 'Tay-mũi-throat'
AND NOT BS.MADS NOT IN (
SELECT 'PT.MADS'
FROM BS.PHUTRACH AS PT
WHERE YEAR(PT.BATDAUPT) = 2020
)

2

WHERE BS.CHUYEN_MON = 'Tüm Mach'
AND YEAR(PT.BATDAUPT) = 2021

e) SELECT BS.MADS, BS.HOTEN,
COUNT(PT.MAKB) AS SL
FROM BACSI AS BS
JOIN PHUTRACH AS PT
ON BS.MADS = PT.MADS
WHERE YEAR(PT.BATDAUPT) = 2020
GROUP BY BS.MADS, BS.HOTEN

f) SELECT BN.MADN, BN.HOTEN
FROM BENH_NHAN AS BN
JOIN CHAMBENH AS KB
ON BN.MADN = KB.MADN
WHERE BN.BENH = 'Viem phổi'
AND BN.MADN IN (
SELECT KB.MADN
FROM CHAMBENH KB
WHERE KB.BENH = 'Tüm Mach'
)
AND YEAR(BN.TAI_CHAM) > 2021

5

ALADDINS

e) SELECT BS.MADS, BS.HOTEN
FROM BACSI AS BS
WHERE BS.CHUYEN_MON = 'Hồi sức'
AND NOT EXISTS (

SELECT *
FROM KHAMBEN AS KB
JOIN BENH_NHAN AS BN
ON BN.MADN = KB.MADN
WHERE BN.HOTEN = 'Nguyễn Văn A'
AND NOT EXISTS (

SELECT *
FROM BACSI AS BS2
JOIN PHUTRACH AS PT
ON BS2.MADS = PT.MADS
WHERE PT.MAKB = KB.MAKB
AND BS2.MADS = BS.MADS

3

f) SELECT BS.MADS, BS.HOTEN,
COUNT(PT.MAKB) AS SLPTACH
FROM BACSI AS BS
JOIN PHUTRACH AS PT
ON BS.MADS = PT.MADS
WHERE GROUP BY BS.MADS, BS.HOTEN
ORDER BY SLPTACH DESC

Đợt 2 - CC1 - 2020 - 2021

a) SELECT MAKB, KET_UUAN
FROM CHAMBENH
WHERE BENH = 'Suy thận'
OR
BENH = 'Suy tim'
ORDER BY MADN ASC

b) SELECT PT.MAKB, PT.MADS,
BS.HOTEN
FROM PHUTRACH AS PT
JOIN BACSI AS BS
ON PT.MADS = BS.MADS

ALADDINS

c) SELECT BS.MADS, BS.HOTEN

FROM BACSI AS BS
WHERE BS.KHOA = 'Cấp Cấp'
AND NOT EXISTS (

SELECT *
FROM CHAMBENH AS KB
JOIN PHUTRACH AS PT
ON KB.MAKB = PT.MAKB
WHERE PT.BENH = 'Malaria'
AND NOT EXISTS (

SELECT *
FROM PHUTRACH AS PT
WHERE PT.MAKB =
KB.MAKB
AND
PT.MADS = BS.MADS

)

f) SELECT BN.MADN, BN.HOTEN, VASLKC
FROM BENH_NHAN AS BN
JOIN KHAMBEN AS KB
ON BN.MADN = KB.MADN
GROUP BY BN.MADN, BN.HOTEN
HAVING COUNT(KB.MAKB) = (

SELECT MAX(SLK2) #3
FROM (

SELECT MADN,
COUNT(MAKB) AS SLK2
FROM CHAMBENH
GROUP BY MADN

) AS MAXSLK

)

7

1/Đợt 1:
SELECT BS.MADS, BS.HOTEN,
COUNT(PT.MAKB) AS SLPT

FROM BACSI AS BS
JOIN PHUTRACH AS PT
ON BS.MADS = PT.MADS
GROUP BY BS.MADS, BS.HOTEN
HAVING SLPT = COUNT(PT.MAKB) = (

SELECT MAX(SL-PT)
FROM (

SELECT MADS, COUNT(*)
AS SL-PT
FROM PHUTRACH
GROUP BY MADS

) AS MAXPT

8