1a)

SELECT \*

FROM Patient

WHERE MONTH(Date\_admitted) = 6 AND YEAR(Date\_admitted) = 2017

ORDER BY Date\_admitted DESC;

1b)

SELECT WARD.Ward\_name, consultant.Consultant\_name, COUNT(patient\_ward.Patient\_ID) AS COUNT

FROM patient\_ward

JOIN WARD ON patient\_ward.Ward\_no = WARD.Ward\_no

JOIN consultant ON patient\_ward.Consultant\_no = consultant.Consultant\_no

GROUP BY patient\_ward.Ward\_no, WARD.Ward\_name, consultant.Consultant\_name

ORDER BY patient\_ward.Ward\_no, COUNT(patient\_ward.Patient\_ID) DESC;

1c)

SELECT MONTH(DATE\_ADMITTED) AS MONTH, COUNT(PATIENT\_ID) AS "NUMBER OF PATIENTS"

FROM Patient

GROUP BY MONTH(DATE\_ADMITTED);

1d)

SELECT \*

FROM WARD

WHERE WARD.Ward\_no NOT IN (SELECT patient\_ward.Ward\_no FROM patient\_ward);

1e)

SELECT WARD.Ward\_no, WARD.Ward\_name, Staff.Staff\_name, X.[Number of Staff], X.[Number of Patients], X.[Number of Consultants]

FROM WARD

LEFT JOIN Staff ON WARD.In\_charge = Staff.Staff\_no

LEFT JOIN

(

SELECT staff\_duty.Ward\_no,

COUNT(DISTINCT staff\_duty.Staff\_no) AS "Number of Staff",

COUNT(DISTINCT patient\_ward.Patient\_ID) AS "Number of Patients",

COUNT(DISTINCT patient\_ward.Consultant\_no) AS "Number of Consultants"

FROM staff\_duty

LEFT JOIN patient\_ward ON staff\_duty.Ward\_no = patient\_ward.Ward\_no

GROUP BY staff\_duty.Ward\_no

) AS X ON WARD.Ward\_no = X.Ward\_no

ORDER BY X.[Number of Consultants] DESC, X.[Number of Patients]