Que 1

SELECT CONCAT(d.first\_name,,d.last\_name) DoctorName,COUNT(a.patient\_id) NumOfPatient

FROM doctors d

INNER JOIN appointments a

ON d.doctor\_id=a.doctor\_id

GROUP BY a.doctor\_id

Que 2

SELECT p.patient\_id,p.first\_name PatientName,a.appointment\_id,d.doctor\_id,d.first\_name DoctorName FROM patients p

INNER JOIN appointments a

ON p.patient\_id=a.patient\_id

INNER JOIN doctors d on a.doctor\_id=d.doctor\_id

Que 3

SELECT de.department\_id,de.department\_name,COUNT(a.doctor\_id) NumOfAppointment

FROM appointments a

INNER JOIN doctors d

ON a.doctor\_id=d.doctor\_id

INNER JOIN departments de ON d.department\_id=de.department\_id

GROUP BY d.department\_id

Que 4

SELECT s.specialty\_id,s.specialty\_name MostPopularSpecialtyName ,COUNT(a.doctor\_id) NumOfAppointment

FROM appointments a

INNER JOIN doctors d ON a.doctor\_id=d.doctor\_id

INNER JOIN specialties s ON s.specialty\_id=d.specialty\_id

GROUP BY s.specialty\_id ORDER by NumOfAppointment DESC limit 1

Que 5

SELECT SUM(p.payment\_amount) TotalPaymentAmt ,a.status

from payments p

INNER JOIN appointments a

on p.appointment\_id=a.appointment\_id

WHERE a.status="Completed"

Que 6

SELECT a.doctor\_id,Concat(d.first\_name," ", d.last\_name) DoctorName,COUNT(a.patient\_id) NumOfPatient

FROM doctors d

INNER JOIN appointments a ON d.doctor\_id=a.doctor\_id

GROUP BY a.doctor\_id

Que 7

SELECT p.patient\_id,CONCAT(p.first\_name," ",p.last\_name),a.status

FROM appointments a

INNER JOIN patients p ON a.patient\_id=p.patient\_id

WHERE a.status="Cancelled"

Que 8

SELECT status,COUNT(appointment\_id) TotalNumOfAppoinments

FROM appointments GROUP BY status

Que 9

ELECT ROUND(AVG(p.payment\_amount),2) AvgPaymentAmtOnStatus , status

FROM appointments a

INNER JOIN payments p ON a.appointment\_id=p.appointment\_id

WHERE status="Completed"

Que 10

SELECT a.doctor\_id,CONCAT(d.first\_name," ",d.last\_name) DoctorName ,COUNT(patient\_id) NumOfAppointments

FROM appointments a

INNER JOIN doctors d

ON d.doctor\_id=a.doctor\_id

GROUP BY a.doctor\_id

ORDER BY COUNT(patient\_id) DESC LIMIT 1;