

Task	Expected response	Additional guidance	Marks available	
1	Database design and development – part B			
1c (i)	<p>Award 1 mark each for:</p> <ul style="list-style-type: none"> ♦ SELECT <ul style="list-style-type: none"> — drugID — drugID with COUNT function FROM PrescribedDrug ♦ GROUP BY drugID ♦ ORDER BY COUNT(drugID) DESC 		3	Implementation (7)
	<pre>SELECT drugID, COUNT(drugID) FROM PrescribedDrug GROUP BY drugID ORDER BY COUNT(drugID) DESC;</pre>			
1c (ii)	<p>Award 1 mark for query to find the drug with the highest dosage:</p> <ul style="list-style-type: none"> ♦ Query1 SELECT Max(dosage) FROM Drug; <p>Award 1 mark each for:</p> <ul style="list-style-type: none"> ♦ SELECT patientID, datePrescribed FROM PrescribedDrug, Drug ♦ WHERE PrescribedDrug.drugID = Drug.drugID ♦ AND dosage = [Query1 result] 	<p>Do not award a mark for the final bullet point if the candidate answers “AND dosage = 2000”. This implies they have manually searched for the drug with the highest dosage.</p> <p>If the candidate implements the search using a sub-clause: AND Drug.dosage = (SELECT MAX(Drug.dosage) FROM Drug;)</p> <p>still award marks for:</p> <ul style="list-style-type: none"> ♦ Query 1 ♦ AND dosage = 	4	

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	<p>Query 1 saved as MaxDosage:</p> <pre>SELECT Max(dosage) AS MaxDose FROM Drug;</pre> <p>Query 2:</p> <pre>SELECT PrescribedDrug.patientID, PrescribedDrug.datePrescribed FROM PrescribedDrug, Drug, MaxDosage WHERE PrescribedDrug.drugID = Drug.drugID AND Drug.dosage = MaxDose;</pre>						
1d	<p>Award 1 mark each for:</p> <ul style="list-style-type: none">the SQL only finds three of the five patientsthe address field could be split into components and one of these could be a required postcode	<table><tr><th>surname</th></tr><tr><td>Adisa</td></tr><tr><td>Robinson</td></tr><tr><td>Dubios</td></tr></table>	surname	Adisa	Robinson	Dubios	<p>2</p> <p>Testing (2)</p>
surname							
Adisa							
Robinson							
Dubios							