Question 1: Write one differential point between super coiled and relaxed loopslong question 1.Biotechnology define and write its branches 2.Electroporation technique

Question 2: Define standard and status bars.

Answer:

Standard Bar

A standard bar contains icons for functions such as file management, printing, editing, formatting and calculating. It is located just below the menu bar in an application window.

Status Bar

A horizontal line of information displayed at the bottom of an application window. It reports information about the current status of the program or the data contents in the window.

Question 3: How can we include images in a web page using HTML and Java script?

Answer:

Image in HTML using the following img tag.
<IMG src=URL, alt=text height=pixels width=pixels align="bottom|middle|top">

Image in Javascript

Images in JavaScript can be manipulated in many ways using the built-in object Image. Additional properties to HTML are hspace, vspace & lowsrc.

Example: It can be used by many handlers like, onAbort, onLoad & onError

Question 4: How can we say that JavaScript is Not Object-Oriented language?

Question 5: What is the importance of minimum cardinality in relation while designing the database.

Answer:

Minimum Cardinality

This is a very important point, as minimum cardinality on one side needs special attention. Like in previous example an employee cannot exist if project is not assigned. So in that case the minimum cardinality has to be one. On the other hand if an instance of EMPLOYEE can exist with out being linked with an instance of the PROJECT then the minimum cardinality has to be zero. If the minimum cardinality is zero, then the FK is defined as normal and it can have the Null value, on the other hand if it is one then we have to declare the FK attribute(s) as Not Null. The Not Null constraint makes it a must to enter the value in the attribute(s) whereas the FK constraint will enforce the value to be a legal one. So you have to see the minimum cardinality while implementing a one to many relationship.

Question 6: What is the intersection operation in relational algebra?

Answer:
The intersection operation also has the requirement that both the relations should be union compatible, which means they are of same degree and same domains. It is represented by _. If R and S are two