14-Sep-2021  **Roll No:**  181370077 (Spr 2021)

Instructor: Qaiser S Durrani **Time: 10min;** Marks: 15 Quiz 3

**Note:** Give your answers in the given space only. No extra space would be entertained.

* Good quality software is produced by satisfying both external and internal criteria. However, only external criteria matters in the end. Justify?

Satisfying the customer involves making sure both internal and external customers are happy.The internal suppliers are the subordinates who answer to a particular supervisor. Satisfying them involves giving them the tools and motivation they need to do their jobs.It is important to go beyond satisfaction, making the customer – and supplier – feel important and valued, and part of the process.

* Key to external criteria is internal criteria. Justify.

Many internal and external criteria reflect each other. A text that showed a high average sentence length would be likely to be of one kind of book or magazine rather than another. For some parameters of classification the external evidence is primary -- whether a text is printed in a book or a newspaper, whether it is in written or spoken form, etc. No matter what kind of language is found in the document or transcript, these real-world distinctions are clear-cut, and relate to the experience of end-users of the typology, who will not all be experts in linguistics.

* “Modularity should be easy to use than to build.” Justify.

Software modularity indicates that the number of application modules are capable of serving a specified business domain. Modularity is successful because developers use prewritten code, which saves resources. Overall, modularity provides greater software development manageability.

* “Internal data coupling is highly desirable for good quality”. Comment.

Common Coupling: Global coupling, or common coupling, occurs when two or more functions share global data. ... Data coupling is better than stamp coupling, because the module takes exactly whatit needs, without the need of it knowing the structure of a particular data structure

* How do we address problem of scaling?
* Evaluate and Plan. Take a hard look inside your business to see if you are ready for growth. ...
* Find the Money. Scaling a business doesn't come free. ...
* Secure the Sales. ...
* Invest in Technology. ...
* Find Staff or Strategically Outsource.

