

- MITTE is a meturic that is widely used to measure the product's perfermance l'uliability 4) Perfeurance It is a measure injurement the response of the system.
- Measuring it means measuring processing speed, memany usage, etc 5) Supportability. It is also called as maintainability. - It is the ability to adopt the enhancement an changes made in the saftware.

23 Expain about various design concepts tp.5 considered during design software design concepts simply means means the idea on principle behind the design who amon Abstruction Modulowity Rejoctating Saftware - Intermation hiding Refirement - design concepts Auchitecture Design Pattern Classes. 1) Abstraction - It means the ability to cope with complexity. Sattware design occurs at different level of abstruction, the sh solo should be stated in board terms and in the lower level more detail description of the solo is given. - The procedural abstraction gives the named sequence as instructions in the specific function 343

MACHE IN Example: seauch the record is a procedunal abstruction in which implementation Modulanityming an poble of anism details are hidden. - It simply means dividing the system an pubject into smaller parts to meduce the complexity of praject -OIT become a towned and is also impart ? Authitecture. . It simply means a technique to design a sturucture of samethich - It focuses on varibus elements and data of the studetime. - These components interact withe each atter and withe the data as the stuncture in architecture & 4) Reginement - It mecins to refine something to rememe impurities is De ruesent any incueese the qualifity I - The sufinement is they neccessary to find out lany evene it present and then to raduced it b) Refactaving ... It me ans reconstructing something

in such a way that it does not affect the behaviour of any ather feature.

The means mecanstructing the dusign the meduce the complexity. The medundance can be achieved. Injerimation hiding.

- It is one of the important property of effective modular design injunction so that it can't be accessed by an unwanted party. - In saftuare design it can be achieved achieved by designing the modules in a manney that the into.

gethered ay contained in one module as hidden and caritbe ascessed by any atter modules. The test with the trop of the test James John Hotel Bis Colored

94 Concept of cohesion & coupling and diff. blw them. Answer. Cohesion

. With the help of this the infermation hiding can be done. one task in software procedure with little interaction with other module In aller mends, cohesine module performs anly are Look thing. Different types of cohesion are: of Coincidentally cohesive. 2) Lagically certisine. 3) Temparel certision 4) Porocedural celesion Communicational certesion les can be connected to each atten module au with outside the would · It is a measure of interconnection ucture. modules in the program stur-· It depends on the interface complexity bethuer modules. 

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Types of module coupling.	
il Data coupling.  ii Control coupling.  iii Common coupling.  iv) Content coupling.	
Coupling	Cohesion.
1) It influesent how the models come connected with each attent on with autside world	In this the colusive module perferm and thing
2) With this, interface complexity is decid- ed.	with this, data hiding can be done
3) The gaal is too achieve lowest coupl- ing.	The gentle is to achieve high coolesion
y barians type Data coupling, continal coupling etc.	Coincidentally colusion, Procedural cohesion, etc
The sound of the	THE THE PARTY OF T

Q.7 Auchitectural Styles: Answer It is a pattern few cueating the system auchitecture few given problem. The commonly used auchitectural styles ame: Data centered auchitectures Data flow on chitectimes 3 Call and wetwo auchitectures Object aniented anchitectures Layened architectiones 1) Data centered auchitectures · In this, the data stare lies of the center of the auchitecture and attry component quequently accessing it by pursurming add, modity and delete operation. the dient saftware requests jeur · It passes a property of . In this, the data can be passed among the components Shrift caps

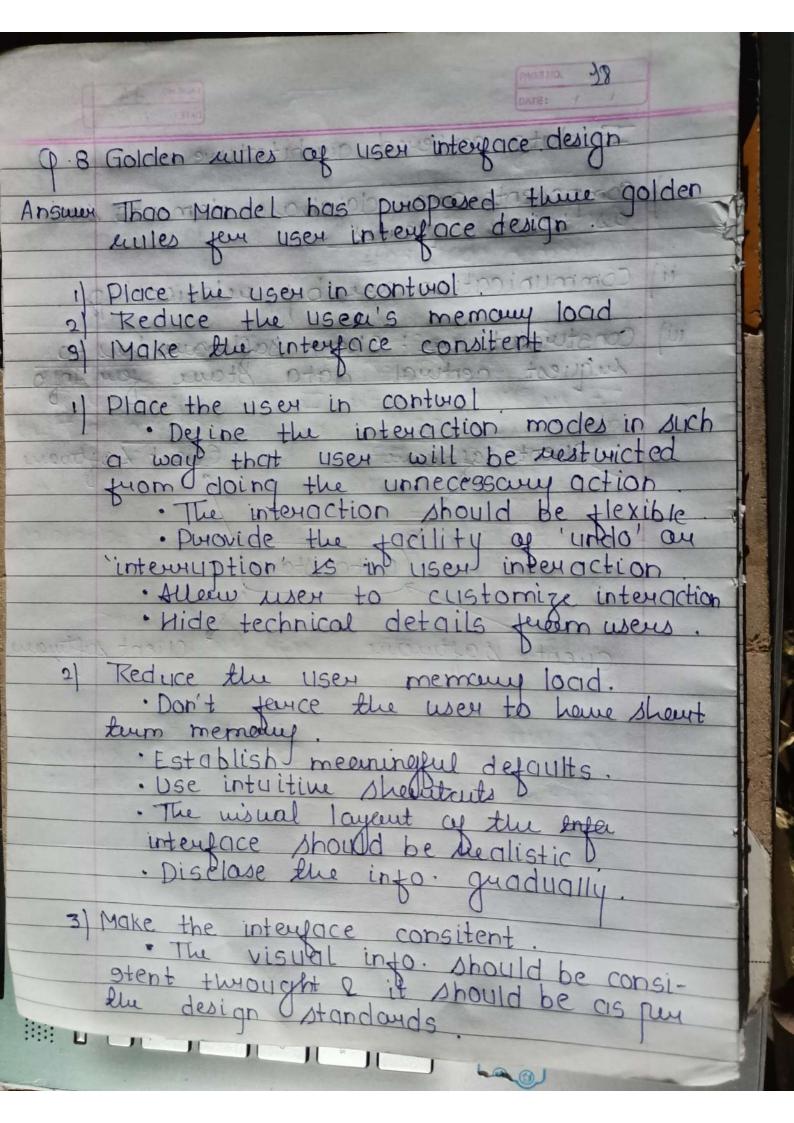
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## In data centered auchitecture solo a il components aure, clatabouse elements such as tables orqueries real mos como ii) communication au bip relationship reduce the user's memory one iii) construcint are: Client software hers to suggest centural data Stane few into certice user in control of the the referencies modern sich Client saftware se to - Client software wom of the word the series no 1200 week | Data Stare | Theres tri well more desired to the Kind III. Client saftmane. Client saftmane . Durit some the work in some thank etholese interincent Haildotet. · Use Intilitive Ambient The solver longer of the str. ترزد کاری کرده ادیان درود در دروده در ازده a linke the interface consitert - The visibilities / /could be consi-कर्म हर उन्ने में प्रति हैं हैं जिल्लान है तर्मिल

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