1) a) Enion: Expose on major india your la mont estate It refers to discrepancy between a computed, observed, or measured Value and the true, specified or theoretically correct value. This error refers to difference between actual output of Software and Correct output.

Usecare defines the interaction between external actors and the system to attain goals. There are three basic elements that make up a make

- (1) Actors: Actors an type of wers that interact with system.
- (ii) System: Useconos capture functional requirement. That specify the intended behavious of system.
- (111) Goals: Usecares on typically initiated by a uner to fulfill goals. describing activities and variante involved in attaining the goal
- It occus because clients requirements au changing frequently while the software development and so partially developed softwar needs to be changed again and again

d) Cost Benefit Analysis: It is a procen by which organization con onalyze decision. Syrkms or projects, or determine a value for intengibles. This model is built by identifying the benifits of an are tion as well as associated costs, and substractry cost from benefit.

- a) False
- 6) True
- c) True
- d) false
- 3) Five core value of incremental literation life cycle model an
 - (1) Requirement Work How
 - (11) Analyss workflow

 - (111) Derign workflow
 (11) Implementation workflow
 - (v) Tut workslow

Requirement Workflow,

- The primary activities ate aimed at building the uncone model which captures the tunctional requirements of the system being defined.

Analysis Work-How-

The primary activity of analysis work-flow are aimed at building the analys model which helps the developers retine and structure the functional requirement captured within Uni Care model

Derign? The primary activities of design work flow are aimed at building the duign model, which durabes the physical realization of we can from un can model, also contents of analysis model the duign model Server ar an abstraction of implementation model.

Implementation

It is aimed at building implementation model which describes how elements of durgn model are packaged into Softwar Component such as Source Code tily, DII's etc.

It describes how integration and system tests will exercise executable components from implementation model Italio describer how team will perform those texts as well as

| 4) Nine steps of structured system Analyss an |
|--|
| (i) Draw the data-flow diagram. |
| - Shows the logical data flow "what happens and |
| not how it happen" |
| (11) Decide what parts to computarize and How |
| - It depends on how much client is prepared to spend |
| - Large volume, tight control |
| - Cost benefit analys |
| (11) Determine details of Pata-flows |
| - Determine data item for each data flows |
| - Refin each flow stipwise |
| - Need a dictionary for larger products |
| (v) Detine the logic of processes |
| (v) Define the Data stores |
| - Specify where intermediate accounts |
| - Data immediat - accordingram |
| En- immediate accounts packagedata required by |
| Taylor of the second of the se |
| (vi) Define physical Resources - Filenane |
| Or ganization |

| - Storage medium |
|--|
| - Blocky tacks |
| - Records |
| - Table information, if DBMS is Uncol |
| 11) Determine Input output specification |
| Specify |
| - Input form |
| - Input Scrum |
| - printed output |
| (1111) Petermine the sizing |
| - Obtain the numerical data needed in Stp 9 to determine |
| the hardwar requirements |
| - Volume of input (daily or homy) |
| - Size, treauncy, deadline of spirit |
| - Size of each the |
| (*x) Determine Hardwan Requirements |
| - Man storeye requirement |
| - Man storage back-up |
| - Input neigh |
| - Nutsub J |







