Static and still & wolve a Nove on: -Review Types or @ Review During Analysis & In genral software development proves Start with information gathering and analysis In this phase company business Analysis Prepar BRS i.e. Business Requirement Specification and Corresponding software resources. BRS defines regulrements of the customer. SIW resources defines functioned requirement to be developed and system requirement to be used. In this phase they coill conduct review on the documents > S/W Reg. Specifiching - Are they complete? - Are they corners - Are they achievable? (w.r. to fechnologies) - Are they Resonable? (w.r./o Hire) (with respect to Hime & Technology) - Are they testable? Reviews During Design en After completion of analysis and their reviews, Designer of dechnical support people prefor externed design of the system Extend Design define high bound 1.

In this prime they will conduct reviews to estimate completeness and correctness of the document In this review they will are following Farrows (High Level Design) ( Low Level Design) - Is the Design is good? - Are they make Right requirement? - Are they complete? - Are they followable? - Does they handle Errors? Password Login > User's Valid Inbox & Peer Review & The easiest way to get term members together and doing their First fromul reviews of the software is Othrough peer Reviews 4 key elements are LOOK for problems - Follow Rules prepare for the Review & comité a report

This method is really more of an "I care to " Show you mine source code, Test case soil and so on -- If you show me yours Source code, Test case, SRL and so on. Requirement Review which is performed by system analyst , Business Analyst, PM etc. - 16 thy Study and disrussion of computer system requirements to ensure they meet stated uses needs and are feasible Reviewed Statement of requirements ready to be translated into system design. Design Review which is performed by Designer on-site co-ordinator to the study and discussion of the computer system design to ensure it will support system requirement System design, ready to be translated into computer programs hardware configuration, documentation and training Walkthroughs & we less formal than inspection mainly because of lack of preparation. In walk through the participants simply come to the meeting, the presenter prepares there is no additional effort by the participants Prior to the meeting. Walkthrough objective to defect defect and become familiar with material Walkthrough Elements are - A planned meeting whom who

A team of 2-7 people, lead by the producer Author The presenter is usually the producer Walkthrough can cover more material than Inspection and reviews because the presenter is have a heavy participating work load, Code Walkthrough & Performed by Developer TL An informal analysis of a progresm source code to find defeats and vertify coding techniques. Computer Software ready for yesting testing or more detailed inspection by the developer & Code inspection & performed by Developer, TL A formal analysis of the program source code to find defects as defined by meeting. computer system design specification usually performed by fear composed of developers and Subject Matter Expert (SME) After this computer slw ready for testing my for developer, Q. What is formal Technical Review (FTR)?

This a software Quality Control activity performed

The alternation of (FTR)? by software Engineer. The objective of (FTR) are: To ancover error in function, logic or implement. aling For any representation of the software mee 2) To verify that the software worder review meet its ensure that the software has been requirements

represented according to pre-defined standends 4) to ashe've software that is developed in a uniform manner and to make Project. more managable. a Write a Note on Followity: Review Meeting, Review Guidlines, Review Reporting and Record Keeping In Review meeting typically involved 3 or 5 people, the duration of meeting may be 2 or 3 hours for that a minutes of meetings note the down where Following questing have to distrist and solh is written, What was Reviewed? who Reviewed it? What were the finding 9 what were the confirming? (x) Review Guidlines & Review the product not the producer CError should point it out gently) Set an agendy and maintain it Limit the debute, set time for its find the problem arrey Take a corner note Limit the no. of participants and insist upon advance preparation Develop check of for each product 9) Conclude meaningful fraining for all reviews.

Review Reporting and Record keeping and A reviewer records all 955me that have been raised, summerized it of the end of review meeting and a review issue list is produced. A review summary report answer the question like 1) What was perjewed ? @ who review it? 3) what were the sindings and constusion? The review issue list serves two purposes. a) To identify your thing problem great within the product and 6) To serve as an arten item checklish that guides the producer as corrections are marele: Q. What 10 Data Flow Analysia ? A method of enouning that the day used by the program has been properly defined and that the defined deta is properly used, A program can be represented as a Flow graph with information about varieble definations Data flow anlysis can also be used in and references. test duty generation, Exploiting the relationship between points where variables are defined and points where they are used.

Q.] Explain Control Flow Analysis: Control flow Analysis requires the development of a program of a graphic representation of a program to analyze the branch logic within the program to identify logic problem. A large class of application are by events rather than delta, produce control information Tather them duty produce control information rather than reports or displays and process information with concern. For time and performent. An event or control item is implement as a Boolean value (For Ex - True of fully on off, 1 200 0) To select Potential evento following Guidlines and suggested = sensors that are read by the software (1) List all List all (2) intrupt conditions List all switches 3 (4) List all dely conditions. Describe the behaviour of a system by identifying States.