Name: _____ Score: _____

# 20 Multiple choice questions

· How to open/load system

· How to log in log out of the system

· How to search the system data

· How to input data

· How to amend data

· How to sort data

· How to save files

○ **Identify some (at least 3) components of user documentation**

○ **Phased implementation**

○ **Describe the advantages and disadvantages of the 'pilot running' method.**

○ **Pilot running**

Needed because it helps programmers, analysts, and/or technicians to make improvements to the system or to repair/maintain the system.

○ **format check**

○ **user documentation**

○ **entity symbol**

○ **technical documentation**

• A solution needs to be evaluated because organisations need to establish how well the new system works in order to be able to report to the systems analysts.

• They want to know if the new system is an efficient and appropriate solution to the earlier identified problems.

• It could lead to a redesign of part of the system if there is strong evidence to suggest that changes need to be made.

○ **Discuss the advantages and disadvantages of the 'Examination of existing documents' method.**

○ **Describe the advantages and disadvantages of the 'phased implementation' method.**

○ **Describe the advantages and disadvantages of the 'direct changeover' method.**

○ **Describe the need to evaluate a solution in terms of:**
  **- the efficiency of the solution,**
  **- the ease of use of the solution, and**
  **- the appropriateness of the solution**

Checks that entered data doesnot contain invalid characters

○ **List check**

○ **Presence check**

○ **Format check**

○ **Type check**

It means to install the system ready for use or put the system to work.

○ **Implementation Stage**

○ **System Stage**

○ **Operational Level**

○ **Design Stage**

Checks that data has been entered and not missed out

○ **Presence check**

○ **Type check**

○ **Visual check**

○ **Format check**

Current system is looked at in detail to find out what changes need to be made to make the new system better than the old one.

○ **Development Stage**

○ **Phased Implementation**

○ **Direct Changeover**

○ **Analysis Stage**

- creating file structures to store data
- creating validation rules to make sure data entered is sensible
- create a user interface to allow data to be input into the system
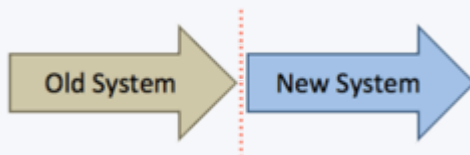- create output formats

○ **Development stage is broken into 4 stages**

○ **Identify features of the use of the 'phased implementation' method.**

○ **Identify a variety of evaluation strategies**

○ **What does Analysis involve?**

· Observation

· Interviews

· Questionnaires

· Examination of existing documents

○ 'Interviews' method of researching an existing system

○ Methods of researching an existing system (fact-finding methods)

○ Identify features of the use of the 'direct changeover' method.

○ Six Stages of Systems Life Cycle

The old system is stopped overnight and the new system is introduced immediately.



○ Direct changeover

○ Unit testing

○ Pilot running

○ Phased implementation

Needed because it helps users to learn how to use the software or system.

○ Integration testing

○ Corrective maintenance

○ Technical documentation

○ User documentation

The new system is introduced into one branch or office of the company and its performance is assessed before being introduced elsewhere in the company.
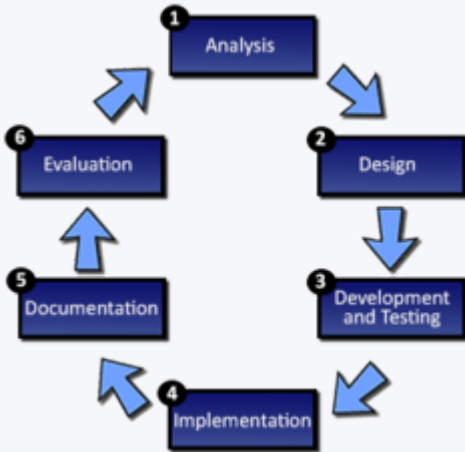


○ **Pilot running**

○ **Integration testing**

○ **Parallel running**

○ **Beta testing**

Technical Documentation & User Documentation

○ **documentation stage includes**

○ **type check**

○ **extreme data**

○ **test plan**

1. Analysis

2. Design

3. Development and Testing

4. Implementation

5. Documentation

6. Evaluation



○ **Methods of researching an existing system (fact-finding methods)**

○ **Test plan**

○ **Testing Stage**

○ **Six Stages of Systems Life Cycle**

• Very cheap

• Some input needed by the user

• Almost no input needed by systems team (if successful)

• High probability of failure

○ **Identify features of the use of the 'pilot running' method.**

○ **Describe the advantages and disadvantages of the 'parallel running' method.**

○ **Identify features of the use of the 'direct changeover' method.**

○ **Identify a variety of evaluation strategies**

A document that specifies how a program is to be tested.

○ **Critical path**

○ **System conversion**

○ **Trade-off**

○ **Test plan**

Involves a one-to-one Q&A session between the analyst and the employee/customer.



○ **analyzing historical data of the system usage**

○ **conducting focus groups with multiple participants**

○ **sending out a company-wide email for feedback**

○ **'Interviews' method of researching an existing system**

· Very expensive
· A lot of input needed by the user
· Almost no input needed by systems team
· Low probability of failure

○ **Identify features of the use of the 'pilot running' method.**

○ **Identify features of the use of the 'parallel running' method.**

○ **Identify a variety of evaluation strategies**

○ **Identify features of the use of the 'phased implementation' method.**

To look at an existing system and then designing a new system which can carry out same tasks better



○ **Presence Check**

○ **Purpose of System Analysis and Design**

○ **Format Check**

○ **'interviews' Method of Researching an Existing System**

tests individual modules

○ **Acceptance testing**

○ **Unit testing**

○ **System testing**

○ **Integration testing**