

ENGINEERING COLLEGE, AJMER

Class: VIII sem Group C-3 Roll No. 18 CS 53 Name: Proven kumar Walidation in Software testing. Explain with Exa. Q. (1) Aw-Verifications It is the process of evaluating the intermediary work products of a Software dovelopment lifecycle it we are in the right track of creating the find product. verification is a static testing. It ensure that the system (Software, hardware, documentation and personnel) compiles with an organization's standards and processes. relying on the revied or non-executables Validations , Validation is a process of evaluating the final product to check whether the software product is up to the mask or in other words products has high level requirment. Validation is the dynamic testing validation means are we building the right posseduct? Example + Car production in factory. + In varification every phase of composabilition

is check that it fulfill the requirements.

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So, every phase of car production like building base of car, body, origine and painting
everk is verification,
-> In volidation a complete cor check and
test for fullfillment of the requisment.
Explain Black-Box and white-Box terting in details.
Black-Box festing & Black-box festing is. wethood in which the
internal structure / derign / implementation of the item being tested is host known to the tester.
In beach-box firting heijor testing will be around inputs and expected outputs. A terfer gnould be able to choose the valid
fest derfa consessuly. In simple terms a
tester can only see the actions of the



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Example: A simple example of blenck-box

testing is a TVC felevision). As a user

we watch the tV but we don't need to

the prowledge of how the tV is brief

and how it works be just need to

larow how to operate the semple 'Crovidsol'

to switch on switch off, chang channels,

inescan and decrease volume etc.

In the example the tV is our AUT, and semple

is UI there we use to test.

White -Box Testing & white - Box testing is a

Software testing wethood in which

the jutement Stourtwelding / implement and of the

item being tested in known to the tester. It also

lenour as stouchood testing, and transparent

testing. It is well switche and scrommended

for algorithms tosting.

The main objective of white - box testing is to

test the application infrastructure. It is done

at lower severs as it include sunit testing.

and interpretion testing. It requires programming

tenodedge, as it majorly focuses on code

Stouture, paths, consistent and brames of



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4.	Date: Page No 4
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	The privary goal of white-box testing is to focus
	on the flow of ipput and outputs through
	the software of and strengtheing the security
	of the software.
	Example: A car mechanic should known the
	justement stouchure of the car engine to repeut it.
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