Digital Signel Processing Lab Experiment 15: Anni-cliesing and onti-imaging Filler.

T Ple-Lab Qualions:

1 What is ment by out - aliasing ailter?

Solar It is used to leduce bardwisth of a Signed to Satisfy the Nyquist theorem.

2 tall to 1 Austa

2. What is the Gilter used Br anti-adiably?

John Anti-aliasing diller is used

3 Mention the advantages of anti-disking disker?

both. If Cuts out any higher order frequency content in the input signed as any anaquences higher than Nyquist Gregory would be advised

I Post- lat Questing:

bolo.

3,

bola

What is an arti-imaging dileter?

John. It is used to construct a smooth andog signed from a figital input, like any samples that it fevire.

Diglenere between arti-aliasing and arti-imaging ailler

An arti-imasis aider is used to ensure that the graphenaies

Q' interest are a acceptedly beproduced without aries are agy, while

cnti-aliabis is the leverse

Mention the advantages of anti-imaging buller.

It prevents the bignals with auguencies greater than the sampling note from being digitized.