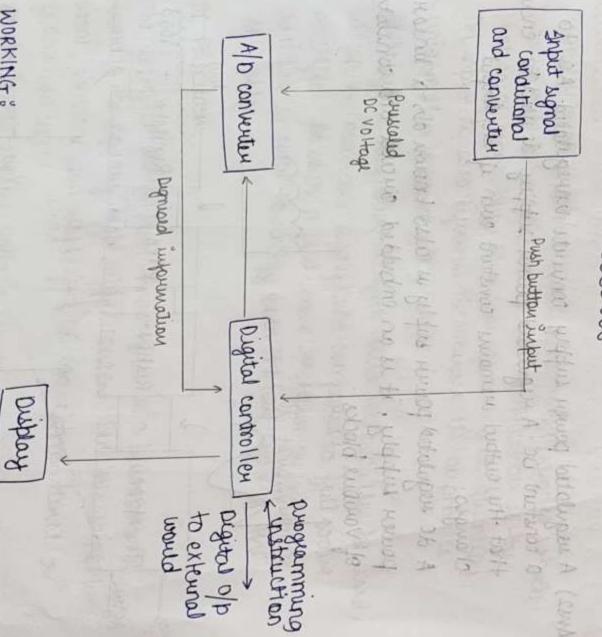
BOF BOF

Assignment

industries of the set of the straining out is great as diagnostic tool for technicians in the electronic electronic A digital multimuter is a that tool want to measury two or mari elictrical values - principally voltage (volts), curvered lamps) and resistance (ahms). It is a standard

Block Diagram handmy pure my amprant div



WORKING "

conventin than convents the pur-scaled dc westage into so shown in block diagram, in a Typical digital muttimuter the input signal is as on de voutage, current, maistance, temperature or any other parameter is converted to do equivalent digital numbers which will be displayed an the dusplay unit.

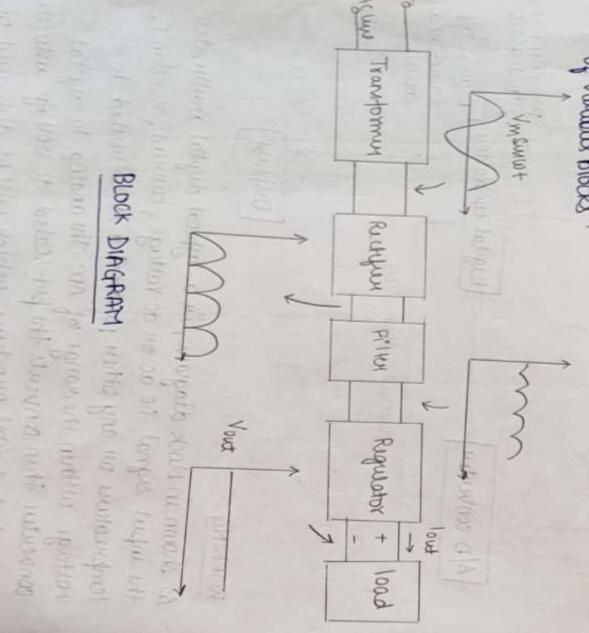
Sometimes, digital controller block is implemented information within the instrument this block was information to extrinal duriers buck as printing on Conveniences all the internal function as well as transfusing pulsaral computer with a

In the case some hardhold multimeter, some of on our of thus blocks may be implemented in a VISI which while 1/D conventing and display durines can be in the some IC.

AWD) changes. that the eulped rumains constant even if the supper A regulated power supply converts unregulated AC a constant DC. A regulated power supper is used to

power inputy, it is an embudded at regulated power supply is also known as a linear circuit and consusts

of various blocks



ナガナン

Step Down Transformer

A was down transferous will sup daw the vallage from the or main to the virginial voltage level the true virtue of the hamper new responsibility of the standard of the semination of the voltage value The butput of the transformer is given as an mount with me up to triding

Rudification

Carriers but the suchtilistion process. Restitioning of diadre which The input to a neithbory it to connection of the different in unidizection publishing DC

but le most short that the sout the bour or might use rectifier to such, a full man metitier on a bridge my de principant conficered and to full warre buthough a tall wow Richfur could technically be used, Ac supply

a) DC Filhration

The suctified voltage from the sectifies is a bulleating oc a month well-may north may helper much promon son ' town pres me many

elevely through load. Hurry, an almost constant of yourse mediting, the capacitor stants discharging exponentially capacitan changes, it changes with the waveform machine int formation in things stands incurations into housing way was supply content is obtained its peak value. When the invistantaneous value structs

h) pugulation

This is the last block in a oc sugulated Power supply the butter voltage on cumunt maintain the output constant even when changes of imput elimination by waing a sugulator A change in my O(com. tud from AC mans. This will change when there is men sagaragene publim can be

AWS) capability of broducing dill a signal source that has as its output trained diffirment types of warrelpowers t signal

Rounciple

sumply function gumenty can be controlled smoother as will as in step.

amymm-Privingent CATORIAL Mumbh Lactural Network Couttral Sommus . Christians photong totagodox Fulbrator comparation Surgens phirmy Hull proferro prid fring Dudput

BLOCK DIAGRAM

The block diagram of a function generator is given in the figure on the magnified of the amount that during the controlled by integration as its output signal with a fuguency many house of or other to look the fra

The frequency controlled voltages regulate two current constant current to the integrator whose output valtage the current increase of the output the the induces the slope of the output the current increase of He output

River bond the range smy pure station

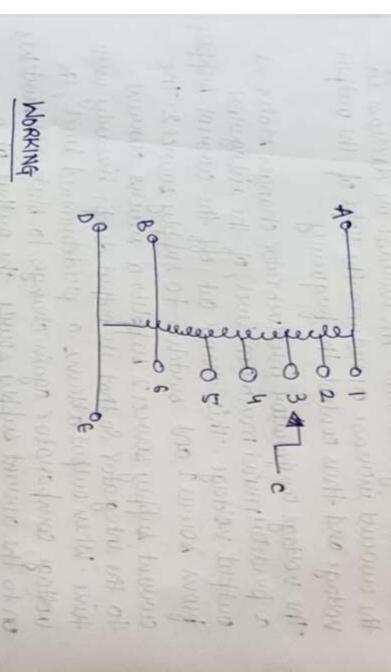
The hottoge companiation multivibrator changes states at a pudetenment maximum lines, of the integration authority valetage. This change out-off the current supply how sounce? I and surfaces to supply sounce? The current supply sounce? I have been a remained himself with the true integrator 80 that its output alumination the time when output of the time when output attacks a predeterment limes , the aspendo on the amount supplies were whose frequently as the constant minney Andony turning.

museume the voltage Dynamo meter type moving fixed and other is notating. The interpretation of the A DC HOMENATUH IS CONSTRUCTED BY CONNECTING the shairt of the substruction of outso a viry high high the shairt with the connecting the shairt to heavy high the shair to heavy high the shairt to heavy high the shairt to heavy high the shair to heavy high the shairt to heavy high the shair to heavy h tought. These are mad in De mean whe went two field cont and mouning out product a differently con with bully this works this sunstrument to loss

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the woulding transformers thouseurs, it affects in the wind the primary and the stillow in the wind and the stillow. can be used as a step down on a step up to anytomine as well as magnifically It consists of only one windered as well as magnifically It consists of only one windered as a substantial magnific constraints and only one of substantial magnific constraints.

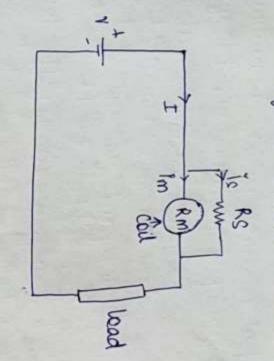


- connected b/w & & D. terrumals and enter in taken from spenate as step-up transformer.

the principle of the property of the property

and it tourseletens with idays with below district

full scale outle trian curricul. for extra cuesting because it is converted across the for the voltage across this shund meter. Range extension of Ammute by shund. This shund provides a path A DC ammeter is a durice to mission DC current instrument This should vinithumed can be used to tixes magnet, the winding itself is whited to bounding means when many times greater than their normal Typically it consists of a lord winding survisional by a vans which is the indicator medical for the current meter



I - III - JI - I-Im

a shunt is in parallel with annualed

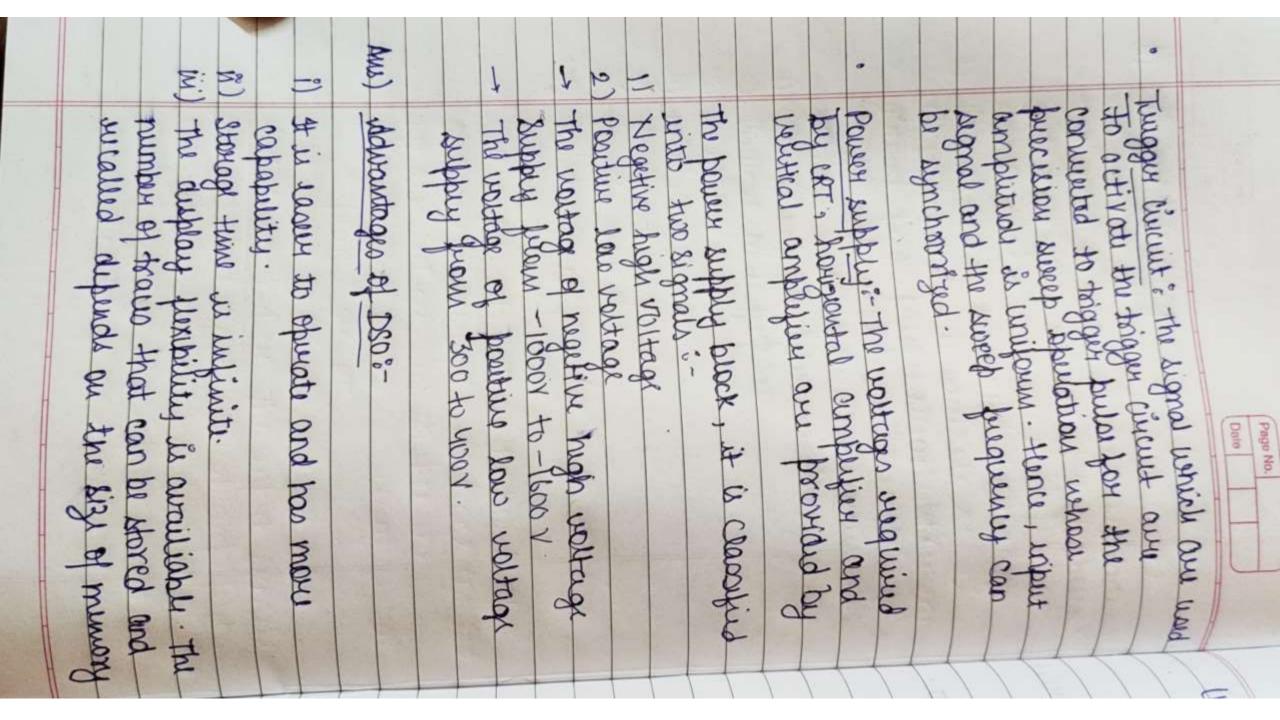
Bs, we know that So, by thus formula-2 - 2x10-3 (1+25) 1279(1+日) 999-25 = 3= 25 => 5 =0.0251.

E W 0 5 Power supply madria are amplified Ventical general pand Hypory Propriet that lume Thy well escultoscopi when the electrons emitted vangande Horizontal Cathode Ray tube: - It fathode way condusts amplitude measurements of voltage Shoophousus Ventical compution pophonous surum, a miles me displayed on URT. Common Labouating instrument browned about a accurate time and juliability stability generia contrade - non ascentista from - sporters Haramurb mad manu bond puer a wide mange of file municipality and basis of Cincint ampli purpose labohatory unstrument makes it suitable as amplifice Mutter Par Tube paration societions the westing amplifued the Consmorted Municipal which himporture \$ MAKE paggio the heart in burner e privad mallund. SN AN B signal OP MAGE

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before the network is boomble

which in the higher that translating The character can be displayed an which can inducate wantonin washing aft noth mond and brong information such as min, max, The X-Y plate, BH curve can be auxplayed. Springton. They tend to be very learnful in Disadvandage of DSD: and other types of read him in more measured thuy an wint can home the hopened fit memory available of com buly margaria 19, summe HB, that 1.00 115

