## NOR'TIERN MESSENGER.



NURSING AB AN OCCUPATION IFOR AN OCC
WOMEN.
Before enturing on nursing as a profewion, thero are eoverral rery serious considerttions
to bo taken into account. Tho first and most to bo caken into account.
inpportant one is, Health. writos an old superintendent of numew "havo You sufficieatly good health to stand an amount
of hard work to which you have nover before been acoustomod; and that work joined with a lurge amount of mentul work, which draws upou the physical mesouroas as much if not
mono than mere bodily exartion, and this nontipuod for seven days a woek, not 'nr sar ${ }^{\prime \prime}$
The smoond consideration is, that tho uurse has to do, and must do, many thatse which are far from plearantt and ugroeable, eupecially to refined and cultivatod romen. Hence groat
erelf-control is requisite, and a determination to accept all the cuties of hor culling, with patacace and pood temper Groat intelligence
is also absolutely necessars for a nurse. Kithout it, she cannot possably rise to a high rank
in her calling. Lastly, a nuroo must have a in her calling. Lastly, a nuree must have a
good knowiedgo of all domestac dutios suah as sweoping, dusting, scourl g, bod-making, and the rudinents, at least, of cooking. Some the racions kinds of linen, cotton, blankets, feathors, and hair used; in fact, all the particulary which nas bo of sarvico in the hygiene of nursing. The greatest obstacle to the
gencral adoption of thus profession as a remuncrative one by women 28 the two-fold
difficalty of petting sutable training and of difticalty of getting sutable training and of who know anything of the prescot arrangoments of hospitals will ackowledge that
many ohanges must tako piace before women of the maddle and upper-maddle classes, or,
inded, any woman of decency and refisement, could stady in them prith much adrantage or nures hare beon expected to catar for them-- oires and to cook thery orn food, running the timen to cat thair poor morsel of badty-preparod food! Under sualt croumastances, noither hoalth nor work osula long be retkined. The canse of tha many compluints against hospital nursung 15 , no doubt, the fact that for conturies uneducated chase, whilst now tho sadraucing woint of tho day is attracting toparda it tiomen culture. It is calculated that thume aro outede tho ralls of hoxpitals at least 230,000 sack peoplo in our own country who daily noor one fact implics shows us that, when once the noedral training can bo obth
Wo have boen particnilar in mentioning tho difficulties in the way of tho would-bo nurace, Re We foar, in many instences, the romantic
halo which has becn thrown over tho calliog han promed tho sthration to its adoption. to which woman is called, bat the proceding drudgcry is dishastaning smi pmuniti, and, noordfar to leam tho radimemis thoroughy and to trann and command others it is first

pangerole parer bangings
Tho ssaitary chomist of Breshna, Dr. Frans Eulow, reports that he has froqucatly found not inconsuderable quansitace of arsecic in
tapostios snd hangings nent to him for aramzation. It was not slono in tho well-kionn hright greca paper that arsonir was tound
hut aiso in bulah grocm, gTay, brown, and rod but siso in bunah groch, gray, brown, anc rod
pattcras, concopponding to similar resalts in patteras,
other piacos.
In most oxson it was not duo to tho duroct use of arsonical prgmonts liko Schocio's grean,
Pans grocn, Branchrcig or Bransmick groass
 orpument, roskl yollow, cua, but tho assomione
reaction was so strong that it nught not to bo pasmed orer ingilerno. Tho prescoce of aracmio Wax attributablo in some crases to impiraritios
or adclicrations. pometumes it wan reforrod to nidditions made to brightoo tho shados of oolor



 patesen ras forad to contain surpidiggly fil grove and refy clogant rolvot papmer. tho armenio was oridostly nddod to incrivne th
$\left\lvert\, \begin{aligned} & \text { io on } 1,000 \text { square feet of surface of this paper } \\ & \text { evough for a large rocm, was about } 2 \text { grammea }\end{aligned}\right.$ or 30 gruins.
Lakes, which are precipitater from alkaliue solutions of urgamo coloring matter by manns arwonic added to them to nake them brightwe and rono pleasing. Tliowo lakes waro made or madacr, coohinoul, and usndal-wood, but unde with anilue calors with the addition of of dangerous colore previously but littlo notioed, these colors must now all be suspoctod of conkuning arsenio. Reichat. of arsonious acid in such lakes whioh were desiguated as free fom arsenic. Eallwuchs, of Darmbtacit, very popular Pompeilinn red papir hanging. In oun frouch paper, printod with dark red velvet flowers on gold ground, arsonic was
distinatly proven by the Reinsoh, Battendorf, and Marsh tests, and with Floek's silver soluand
Lion.
Ar
Arsenic is least nuspected in tho dull gray or brown hangings. These indofinito mixay colors are irequenty mado from the residues tially for this reason, and partally becauso ni materisls used in dyeing with this puisonous substanco. These phases of the cuso were observed both ina yellowish gray paper with gold figures, and one of hght and dark pattern, the brown orntamed 2. 1 grammes on a surface
of 1,000 , fuare foet Although the figures of 1,000 , fuare foet Although the figures
are relatively small as compared with thuse of Sonnenschein, Where green papers con-
tained 1.8 to 4.4 gramomes of ardenio in: square foot of surface, set in genoral the injurionsness of arsenical hangings hss been perabiinhoa. Gmeisn frat proved that livigy
in rooms coverea Fith arscaical paint or paper in roomas coveren wish arsacaical paint or paper Fere substantiated by Oppenheim, Buasen, Yon Fabian, Elotzinski, Phillips, and others. Bealdes tho abore montionea investigators, the
following chamists have examined this snbject nollowing chanaists have examinoal this grbject,
namely, Gfall, Wittoin, Halley, Williams, namey, and otherra. Recently Fleck has furnished tho most strizing proofs, by kis very intercating and rationally conductod expariments, that enod from the walls and hangings injure the health, but that, by the action of mointure and adhoave organio substanoes, like gluo, pasto,
and gum, the arscaical pigmonts evolvo that tornbly poisonous arsenarotted hydrogan gas, which is difinesd through the room and nasj bo the causo oi dangorons illnesk. It is de-
sirable, says Hulwa, to direot pubio attention sirablo, says Eulra, to direot pubio atrention to tho aso of arsemical colors in alothing, shades, wafers and other articles. Tho parilic must bo contirually taught that aremical colars have airoady dono much harm, and
aro cspablo of seriously injuring tho health aro copable of seriously injwring tho health,
and ought, as much as possibla, to be excluded and ought, 2s much as possible, to be excluded
from common uso. Tbo sanitart polico of from common use. Tbo sanitary polico of
Bresku, acting on \#nima's guggestion, have prosod an ordinanco furbidding tho salo of -Scientific dmerican.

WHy THE BAROMETER RISES AND First of all, what is a barometcr? It is $n$ tube or pipo, closed at one cad and opon at tho suah as glass, sn that it may bo seern throngh. Than as glass, min that it may bo secta throngh,
Tube is fillod with tho sacited n.ctal cnlled mercury, and when quito full, tho thurnb is placed over the open ond (ot as to keep the
menoury from falling oxti, sud tho tubo is tonp, tho opea cand at tho hottom, rad if th thomb weso remored, the mercary monld. course, ran out. Bnt now supposo you wiswod not to rosto amy, and so prat tho open cand of ino the sad then scmovod sour thumb, what 12 ith, and then remorod jour thumb, Whal
would happen? "Why, tho mareary Foald all ron ont into tho basis," some ono mull sas. Bat this is a mistsko as tio oltalina philosaphe Tomioclli found oat: sod Fhatorer sizo longth of tabo be taken, the wholo of the met cury will not ran out, but a length of nbout thirty inchos of the tribe will romain full o
mercary, and you cannot make it run mercurs, and gouc connot make it rum out anto of the tabe out of tho moroury or make a holo in tho domad cad of tho tubo- Thas pizzica thought etwotk him that tho oaly thing whah
 promigg oo tho metal rhioh prorosted its nan Torricathi, "thoon if I tesco my subonca banta of mosmury ap a zoomesin, lose anc hans of the


oxperiment; and to his great delight, ho found
the nercury getting lower and lower in the tubs, thus proving that it really wous tho weight of the air that kopt it in the tubn a
all. nud so the inotrument was culled a bar ometer, which is derived Imm thre Greek, and means in phin Euglish, a "weight measure:"
But if the barometer is wakehod it will to funud to contain differeat quantiteas of moroury will, tav a rule, stand highor in tho tube than on a wot day or just bolore rain; aud now for risu (or, rather tho morcury in it) in tiae ther, and fall wheu it is gonng to he wet Now dey air is mansh hearier than wet air, or air containiag steama. Tha cunsequeace lightor, and presses less on the racroury of the the brame, and, consequently, lens remains in the tube, or an wo usually express it, the barometer falls
there is, of course, more whaner of rain than When it is dry, for min in formed by the cooling
of the stean contained in moist air from Iattle Follis" for July

Suave Trexs. Tho custom of having a promania is some instancen, is assunphysmological as it is nomaveniest And when theso troes arv evergreens, as they sometimes are, the oril is still moro appurent, shutting out the light Iy in tho winter, when this is cospecially gratefol tw all sentient beings. Light is a ponitivo necossity of unimal und vegetablo lif
The folinge of thove troes is of anmal life The foliage of these troes is often 80 thick a to offcctually shat out overy ray of light, intended that yonthful bodies and immortal opirits should bo proporly reared, darik. damp and deselnto, in uppasanco but littio less than a prison-house. Unde- such circumatances
the dampmess is overywhere, the dartnens is grown so thick as to bo felt, monld is on the mallar, in the collar, moisture in the beading mataria practicaly are not faded -only monddy-but th cheeks and lips of the joung are, and the nerre, energy, and vigor nad cuduranco aro
Fasted. The inmates mas not be tanned and freckled, but in their atiad aro the paln and ostareroras conntenamera, tha sallow look o oyco-light is the foal of the oye-the flarrid muscles, the Feneral prostratinn, ull indirate the viulence infirted. The whnlidea is wrong. the light, rejoines in the sun. basiss 14 its lifeimparting, joy-inspiring and henith-cvolving down those trees, or most of them, if they nhut out nuost of the light from the home ; ronyign ing will follownwarmiti, whlo diserves rill aiminish. - Watciman
Resuryy fos Irsect Etres. When a menquito, flos, gant, or vether noxious insect, pumciuresthe human zkin, it deposity or innatruso The resulto aro irritation, a tensation of tickling, itching, or of pain. The tickling of flics we ara comparatively indiffercnt about but tho stch produsod by a fica, or gnat, o like the poin of $a$ thep or a beo sting axcite us to a remody. The best remedies for the kiuk of nosects are thowo which will instantly neutraise this acidnlous poison depowited in Tho alkeline resction of boras is scarcely 5 c come rhen its good qualitics will be known and more ralued the: ammonis: or, as it is tion of barax ior inseot bites is mado thus wrater that bas beca bolled and anlowed to oool. Instoed of plisin watcer, distillad rase ploasint. Tho bitew ane to bo derbbed with the sidution so long as thero is any srritation For hes or happ ktiges, the horax nolution orory farm-hounc this solutian ahound do tept s 2 hutuchold rameds.-S. Piscse.
-Thero $25 n$ factort in Idar, Germany where tho colonng of siones for ait parposas mose porfectly then in any other part of tho world, the proons purnuar whan waverting chalocdourss and ma nod yellow cmalinas in30 anyxos reviluagin ino prodachon of 8 dmir in all tho matres of Enompo and Ammia The pecolazrity of thes procoks consists in too zect that tho ribboess or zopes in tho difforme

 impaned-dinco in their roxtoro anc compact

ntoue is, howovor, cappable of abeorbing fluidr in the direotion of the Atrata, and as the, strata possese this property in differant degreos, it
necewsarily follows that女 if 11 nlored fluid bo absorbed, and the quantity mkon up by the pores of the stono 2 s different frun overy stratum or zonn, a number of thits will ha zones, each boing distinot, aud colored in pro. portion to the quantity of the fluid absorbed. olighty way a ppecumen of ntono maturally but ot ratifed ohnfuodony or ouvx, and nay bo wmployed eynally well in theorngravingut enmevd, colur can be rendered avalable

DOMES'IO
PRUPMEFY in hress.
Propriety, that in fitnensfir our purporse gondness in its ors kind, and suitubility to
ourselves at the present timo. Fitaess of
purpuso is a vory couspicucus alemut purpose is a wary conspicueus tlemoul
in propricty, aud often striker peoplo at once. But, unforturutaly fithiont momes
times leaves it quite out of sight ; und girls who wish to dress in tho fachion fancy that thoy can conform in such puricicalare withoul injury. But vo girl looks well dyessed with. of having a hat is te noween, for the head. purpose
tirl looks well dressed without a mantle of some sort in vers culd weather, unleas the material cold. Tuss tells at once that she cannot be article of drass which is emaller than uatur unside it to be, can b otherwise than a disfigurement? A slendor figure, high instops, smull hands and foct, may and therefore revolting to unwphisticated Your -at extrem in the opposito dimetion as any member is out on anch that usnom whole body it is unsightly But carry on th that arti les of cloth farther, and yon will ven daformed cas never be in grod tast Th head bear a certain fixed priportinn to the figure, the back of the head to the faceand to the nerk, the wraist to the shouldurs, the fect
to the height. If you are deformed in uny of the ot particulars, we pity you from our hearts and wil do nar best " chorr you under your
aflirtion But to pretend a deformity until it becomes reas to simulate a distorted figum is an painter or srulptir mula then, in ditwrining the propriety of any gar posn for which it is int radedi, and lonks as if 1 did mi Rojnct fanciful trimminars and cleborate now and rain will come into onptart, and नlumsy or rourse roytrivancos for the draw present, expemialy in thow articlew which ro minmemant and furity Rrject nhoos snd boots e walkkets whirh look too tight. kurts which look as if they could nover be free 2 rum soil. Ono more anution: but it is a very scrious one, alraost must ho takra away from ron if yous acclect test you Rhould rum into dangern which wo would williggly ignore, but daro not. Rodetail ar as a whole. Which lookn "natractive, F'a are nut of doars, gona have no busmacse to attract, to finscraxto or to bo 40 any way con
 two tablespoonfula floi:,
per. Fry on a hot griddio
Senar Coomita Virbt Goomp.- Gro map of

 dited in the floun), ono senall Lerrpoonful soda situd in the foux ono senal tearpoonfl
To Smi Grastexa-Having vecn tho xtri-

cravellers, I call attemion to the fact that to find that a $v$ reum of shaliar npirit of wina put into a intile can furh as is osed for nilungs criso machine rend a vere litur of the muxtum aroppos ioto grruaiums molargoniumas and and the twen hm $\square$ London ard bmatifnlly from the cotuntry an shonili bo about = ton-spooniful of hellat to two of spirits of wino. The Exall carsod by tho epirite of wian 600 m goos off.
 is boties exed for onloned thri Whito formers. ther aro mado intn borquate Thia piatr ban


