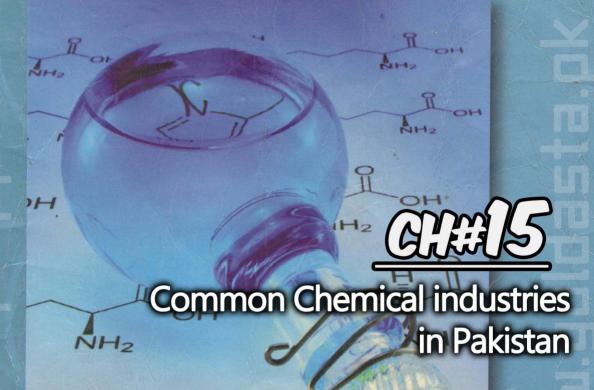
CHEMISTRY (12)





These Notes Have been Prepared and Developed By

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CHAPTER 15 COMMON CHEMICAL INDUSTRIES IN PAKISTAN

Introduction: Industrial Progress is very important for every Country. In 1947 our country was at the bottom in industrial Field. Now a days a large number of industrial units are working in our Country. It is fact that economic Progress and development of a Country is measured by its chemical industry. In this Chapter we will discuss fertilizer, Cement and Paper industries.

Fertilizers

Early History: - Agriculture is the oldest industry known to man. The Chinese have been using manure (לינצים) in their fields. A munure is an organic material used as a ferhlizer. It Consists of faeces (ילים בולים) and urine of domestic animals.

(C) Cellulose and Starch:- The cellulose is a simple folysaccharide but Starch is a mixture of two types of Polysaccharides (10-20% amylose and 80-90% amylopectin)

Q3. What are holds? In what way lats and oils are different? Answer:- see page No. 243, 244

Q10. Define saponification number and iodine number. Discuss the term rancidity.

Answer: - see page No. 247, 248

Q11. What is the difference between a glycoside linkage and a peptide linkage?

Answer: Glycoside linkage is Present in disaccharides and Polysaccharides. In this linkage molecules of monosaccharides link together through oxygen.

Also see page No. 237

Peptide Linkage is Present in PolyPeptides and Froteins In this linkage amino group of one amino acid and Carboxylic group of other amino acid condense through -NH-CO-It is called Peptide linkage or Peptide bond.

Also sue page No. 241.

Q12. What is the Chemical nature of enzyme? Discuss the classification of enzymes.

'Answer:- see page No. 250, 25/

Q13. What are nucleic acids? Write down the role of DNA and RNA in life.

Answer: DNA Carries Rereditary informations
They transfer Characteristics of Parents into
next generation. They determine sex of an
idividual. The RNA Carries message from
DNA. They involve in Synthesis of Peotens
and ribosomes etc.

6:- It should not be deliquescent (3)
7:- Its nutrient elements should be readily available to the Plant

Classification of Fertilizers

There are three types of fertilizers

1) Nibrogeneous Fertilizers

(2) Phosphatic fertilizers

(3) Potassium Ferhlizers

1. Nitrogeneous Fertilizers:-

These festilizers Provide Nitrogen to the Plants or Soil. Nitrogen is required during early stage of Plant growth. It develops stemand leaves of Plants. It imparts (c.) green Colour to the

leaves. Some Nitrogen Fertilizers are ammonia,

Urea, ammonium sulphate, NH4NO3. NH4Cl etc

(a) Ammonia As a fertilizer:

Ammonia contains 82% Nitrogen. It is in liquid state So it is injected 6 inches under the surface of earth to avoid its escaping out.

V. Imp Uyea (NH2-C-NH2)

Urea is the most widly used fertilizer in in Pakistan - It contains about 46% Nitrogen - It is used in early stage of Plant growth

Classes (2) Micro-nutrients (ii) Macro-nutrients.

(i) Micro-nutrients (Trace elements)

The elements which are required in a very small amount for the Growth of Plants are Called micro-nutrients e.g. Boron, Copper, Iron, Zinc etc. These elements are generally required from 69 to 2009 fer acre (4)3).

(i) Macro-nutrients:- The elements which are required in a large arount for the growth of plants are called macro-nutrients e.g. wittigen, lotassium, Calcium, Prassrorous sulshur etc. These elements are generally required from sky to 200 Kg fer acre.

Requirement of a Fertilizer

Every Compound of the nutrient element can not be a fertilizer. The nutrient elements should be present in a water soluble compound. So that the plant can lake it up. The requirements or essential qualities of a good fertilizer are given below.

1:- A good festilizer must be very soluble in Water.

2: - It should not be injurous eviled to Plant.

3: - It should be Chrap

4: - It should not change the PH of soil.

5:- It should be stable for a long time

(iv) Preparation of Uyea:-

Dehydration of ammonium Carbamate gives urea.

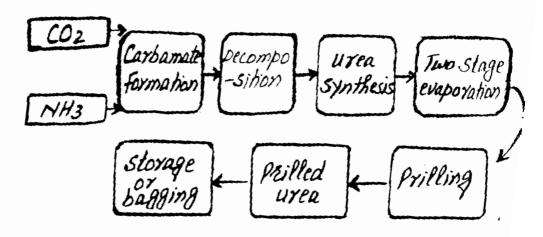
NH2-C-ONH4 ----->NH2-C-NH2+H20

(V) Concentration of Uyea Solution:

Urea is obtained in form of Solution - It is Concentrated 1/16/16 by evaporation of water. The evaporation completes in two stages. It gives 99.7% Urea Solution

(Vi) Prilling: - The Concentrated Urea solution is brought to Philling tower. Here it is Sprayed in the form of Shower () \(\forall \sigma \sigma \sigma \sigma \sigma \sigma \text{The droplets Solidify to give Phills (granules \(\forall \sigma \sigma \sigma \sigma \text{Then urea is sent to bagging section or to the Storage.

The flow Sheet diagram for manufacture of urea is Shown below.



-Manufacturing of urea

Urea is prepared from NH3 and CO2. The Process involves six steps

(2) Preparation of Carbon dioxide and Hydrogen

(22) Preparation of Ammonia

(222) Preparation of Ammonium Carbamate

(iv) Preparation of Urea

(V) Concentration of urea

(Vi) Prilling

(i) Preparation of CO2 and H2:-

Methane Passes over steam at 900°C to give CO2 and hydrogen

CH4 + 24.0 Ni > CO2 + 4H2 (ii) Preparation of NH3:-

Reachon of N2 and H2 at 450°C in Presence of catalyst gives NH3

 $N_2 + 3H_2 = \frac{450C, 200 \text{ atm}}{Fe_2O_3} = 2NH_3$

(iti) Preparation of Ammonium Carbamate:-

Reaction of CO2 and NH3 in volume ratio of 1:2 gives ammonium Carbanate.

CO2 + 2 NH3 ----> NH2-C-ONH4 Ammonium Carbamate

The reaction is exothermic. So water vaporizes and Caxstals of diarrmonium Phosphare are obtained. It Contains 16% Nitrogen and 48% P205-It can be used alone or as a mixture.

Potassium Fertilizers

These fertilizers Provide Potassium to the Plant or Soil. These fertilizers are required during the formation of starch, sugar, seeds and fruits. These fertilizers are voly useful for tobacco, Coffice, Potato and Corn(201)

Potassium Nitrate (KNO3)

Potassium nitrate is Prepared by reaction of KCl and NaNO3

KCl + Na NO3 - ---> KNO3 + NaCl
The KNO3 is obtained in the form of Caystals
Ils Colour is Pale Yellow It Contains 13%
Nilrogen and 44% Potash

Fertilizer Industry in Pakistan

Pakistan is an agricultural country. So we need a very good ferhlizer industry our ferhlizer need is high. Our Government is trying to fulfil our ferhlizer need. At Present 14 ferhlizer plants are working which Produce 5630100 tons thea Perannum

Ammonium Nitrate, NH4NO3

Ammonium Nitrate is prepared by reaction of NH3 and HNO3

NH3 + HNO3 ----> NH4NO3

Ammonium Nitrate is obtained in solution form. It is concentrated by evaporation. This Concentrated Solution of NH4NO3 is brought to Prilling tower. Here it is sprayed down. The falling droplets Solidify to give Paills. It is NH4NO3 Fertilizer. It contains 335% Nitrogen. It is useful ferblizer for many crops except Paddy vice.

Phosphatic Fertilizers

These feetilizers frovide Phosphorous to the Plants or soil. The Phosphorous is required in early stage of Plant growth and also during seed and fruit formation It also resists the attack of diseases. The two important PhosPhatic Fertilizers are Calcium Super Phosphate, Ca (H2PO4) and Diammonium Phosphate, (NH4)2HPO4.

Diammonium Phos Phate, (NH4), HPO4

Diammonium Phosphale is Pecpared by reaction of NH3 and H3PO4 (Phosphoric acid) at 60-70°C

2 NH3 + H3 PO4 ---> (NH4)2 HPO4 + Reat

The Choice of Process depends upon following factors

(i) Physical Condition of Yaw materials
(ii) Local Climatic Condition

(ii) Local Eximatic Condition (iii) The Price of the fuel

Dry Process is used where hard material is available. It is not free from dust. Here fuel Price is low. On other hand the Wet Process is free from dust. Here grinding is easy and greater Control of Composition. In Pakistan, mostly the Wet Process is used.

Wet Process

In this Process the Grinding is done in Presence of Water. The wet Process involves following steps (i) Crushing and grinding of raw materials (ii) Mixing of raw materials to give sturry (iii) Heating the sturry

(iv) Grinding of Clinker
(v) Mixing and grinding of Clinker with gyrsum

i. Crushing and grinding: - The raw material is Crushed and grinded in a relatory bate miles.

(ii) Mixing of you material: - The Powder You material (75% lime stone, 25% Clay) is mixed with water to give a Paste like material Called Sturry

Cement

Cement is a very important building material. It was first introduced by an English mason Joseph Aspain When he heated mixture of limestone, clay and water, it became hard stone like mass. Its appearance was like Portland rock (Famous building Stone of England). Since that time mixture of lime, silka, alumina and Iron Oxide is called Portland Cement Definition: - The burning of Calcarious and clayey (argillaceous) materials at very high temperature gives a Product called Clinker. The grinding of Clinker with 5% gypsum gives a fine Powder. It is

Called Cement.

An average Compasition of a good Portland

Cement is given in

the table.

Raw Materials:-

%age
62%
22%
7.5%
2.5%
2.5%
1.5%
1.0%
1.0%

Important You materials of cement are given below. is Limestone, marble, Chalks, marine shell. They are Calcarious materials and Provide CaO.

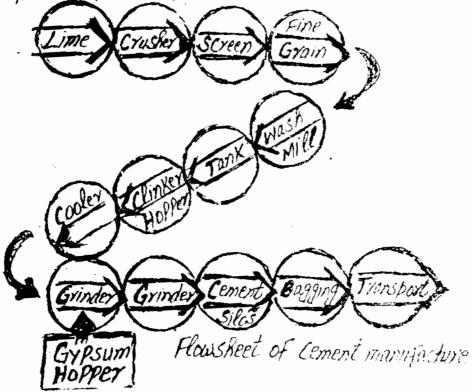
(ii) Clay, Shale, Slate, Blast furnace slag. They are argillaceous materials and Provide alumina and silica. (iii) Gypsum Manufacturing Process of Cement Cement can be manufactured by two methods.

(1) Dry Process (2) Wet Process

(d) Cooling Zone: - It is the last Zone Here temperature decreases upto 150°-200°C

(iv) Clinker Formation: - The final Product octained from votary Kiln is Called Clinker. It is in the form of grey or greenish black balls. Its size is from Small nuts to Peas.

(V) Grinding Clinkers with Gypsum: - The Clinkers are air-cooled and finely ground. Then 5% gypsum in fine foundered form is mixed with Clinkers. Finally cement is fumped to Storage silos. At last Cement is facked in laper bags. The flow sheet diagram for manufacture of Cement is Shown below.



The Slurry is also called Yaw meal. It Contains 35 -45% water. After filtration the water Content Yemains 20 -30%.

(iii) Heating the Slurry in Rotary Kiln:

The Slurry is fed into rotary Kiln. The rotary Kiln is a large Cylinder 300—500 feet long. and 8—15 feet in diameter. It is made of Steel and lined inside with firebricks. It is inclined at an angle of 5—10°. It rotates at rate of 1—2 revolutions fer minute. The Kiln is heated by natural gas. The slurry slowly moves down and hot gases move up in the Kiln. The Slurry taxes 2—3 hours to complete the journey in the Kiln. The Kiln is divided into four Zones of temperature (a) Daying Zone or Preheating Zone (Minimum Temperature Zone) In this Zone temperature is kept at 50°C. Here moisture (H2O) is removed and clay is broken into Al2O3, SiO2 and Fe2O3.

Paper Industry

Early History: The Word Paper is desired from the name of Plant "Papyeus". This Plant grew along the delta of River Nile in Egypt 3000 B.C. The modern saper was invented by Ts'ai Lun of China in 105 A.D. He was an official (i) in Imperial Court of China. He Prepared Soper by reacher of Lark of mulberry tree. (In Exist) with Eine buntoo and other fibres

Imp Definition: - A sheet material, made up of a network of natural cellulasic just.

Fibres is called Paper.

-Manufacturing Process

Raw Matterials: - Two types of you material is used for Production of fully and paper

Nonwoody	Raw Materials	Woody Raw Materials		
(i) Wheat straw (ii) Rice straw (iii) Bagasse (iv) Bamboo (v) Rag	(vi) Cotton stalk (vii) Cotton linter (viii) Kahi grass (ix) Grasses	(i) Poplar (hard wood) (ii) Eucalyptus (hard wood) (iii) Douglas fir (soft wood)		

Pulping Melhods: - There are three methods

for Pulping((U)) for its Keaft's forcess(Acadre)

(it) Sulphite Process (Acidic)

Setting of Cement: - When Cement is mixed with writer and faste is kept for sometime, then very hard mass is obtained. It is called acting of cement.

is Reachons taking place in first 24 hours:
After mixing the coment in water, its tri-Calcium aluminate Shows hydration and forms a Colleidal gel of formula 3 Ca Al 203.6 H20.

This gel reacts with gypsum (Ca SO4.2 H20) to form Crystals of Calcium Sulpho aluminate. Its formula is 3 Ca Al 203.3 Ca SO4.2 H20.

(ii) Reactions taking Place in 1-7 days:

The hydrolysis of Tri Calcium Silicale (3CaO-SiO₂) and tri-Calcium aluminate (3CaO-Al₂O₃)

give (a(OH)₂ and Al(OH)₃. These hydroxides

get studded(v.19⁵?) in Calfoidal gel and fill

the interstices (holes). Thus hardening takes

flace and Cement Sets to very hard mass.

Cement Industry in Pakistan: - In 1947

four Cement Plants Produced 330,000 tons/Annum

of Cement In 1954 Cement Production was 660,000

tons/annum At fresent 22 Cement factories

are working Their Production is 9578802 tons for

annum However Fere is need of more activity

in this field

done after its dry Cleaning of Wheat Straw is
done after its dry Cleaning By Het Cleaning, the
dust Particles and other Soluble materials are removed
(iv) Screening: - By Screening the Over sized
unwanted Particles are removed for example
iron pieces like nails, bolts are removed by
magnetic Separator. Stones like Particles are
removed by Centei- Cleaner. For Screening
Purpose, Vibratory, geavity and centrifugal
Screens can be used.

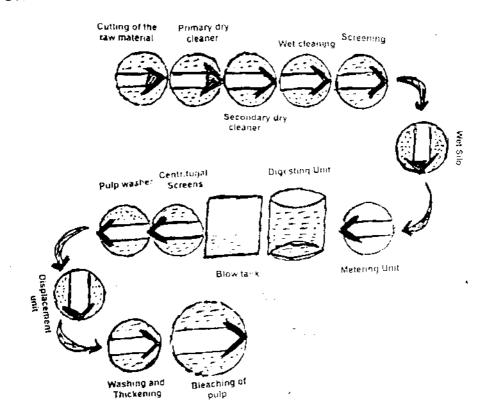
(V) Digestion: - Digestion (Cooking) of the Yaw material is main unit of Paper manufacturing The digestion of material is done Trie a Steel digester. It is no meters long and 2 meters in diameter. When Yaw material enters into the digester, the Steam and Sodium Sulphite liquor are introduced in The PH is maintained at 7-9 by adding NaOH OF Na2CO3. The digester

is Closed like a Pressure Cooker. The digestor Eevolves at 2.5 R.P.M. and its temperature is Kept at 160—180°C. The Process of digestion Completes in 45 minutes after Which Pressure is released.

(Vi) Blow tank: - After digestion, the Cooked material is blown into blow tank. Then it is

(iii) Neutral Sulphite Semi Chemical Process It is also called NSSC. Process. Here We Will explain this Process only Neutral SulPhite Semi-Chemical Process This Process is used in our country. In this Process non-woody materials such as wheat Straw (mg), vice straw, bagasse Cotton linters and Eags (2002) etc are used. This Process has two advantages. is It gives maximum Pulp recovery (22) It increases Pulp strength. The NSSC PEOCESS involves following Steps. (i) Cutting of Yaw materials (ii) Dry Cleaning (iii) Wet Cleaning (iv) Screening (v) Digestion (vi) Blow tank (Vii) Pulp Washing (VIII) Eleaching (ix) Machine Chest (X) Paper Machine (XI) Daying (2) Cutting of raw materials: There is no need to cut down non-woody Yaw material. But tig logs of woody materials are cut into small Chips (ii) Dry cleaning: - Air is blown into the raw material (wheat straw). In this way unwanted farticles remove out.

The flowsheet diagram for Neutral Sulphite Semi-Chemical Process is shown below.



(x) Paper making Machine :-

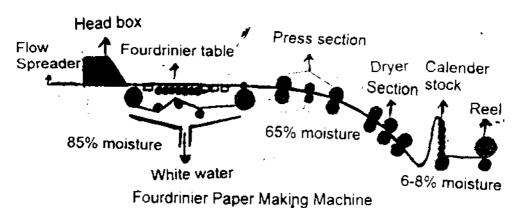
A basic Foundainier type machine is used for Paper making. Its main Components are explained below.

(i) Flow Spreader: - The flow Spreader takes the fully from Stock and Spreads it across the machine from back to front

(ii) Head box: - Head box is a Pressurizing

Fumped to a centrifugal screen which separates
the cooked material from uncooked
(Nii) Pulp Washing: - The cooked material is
washed with water using 80—mesh sieve. The
thorough washing removes black liquor, soluble
lignin and coloured compounds. Lignin is an
aromatic polymer which makes the paper brittle.
finally the pulp is thickened and stored in high
density storage tower.

(Viii) Bleaching: - The Pulp obtained from Chemical Process has a brown colour due to residual lignin. In Paxistan bleaching of Pulp is done with Chlorine dioxide or Sodium hypochlorite and hydrogen Peroxide. The Unbleached Pulp is Sent to Chlorinator. Here Chlorine at 4-5 bay fresiure is injected. The Chlorine reacts with Pulp at 45°C for 45-60 minutes. The correct and calculated amount of Chlorine gives good brightness to the Pulp. After Chlorination, the Pulp is washed with hot water at 60°C. Finally Pulp is dried with air. (ix) Stock Preparation Plant: - The Stock Preparation of the PULP is done by three stages. First is the Preparation of Pulp slurry in water. Second is the mechanical beating or refining of Pulf fibres. The third stage is addition of Chemicals and recycled fibres from the waste Paper Plant



Paper Industry in Paxistan

In 1947, there was no paper industry in Pakistan. At that time our annual Consumption (25000 tons) was totally imported (2012).

Due to high Prices, paper Consumption is around 5 Kg Per head Per year in Pakistan Now-a-days our Government is taking more interest to develop paper industry. At Present more than 30 industries are Working.

Part which discharges a uniform jet of Pulp Suspension on a fabric. Here suction devices remove water from the Pulp.

(iii, Fourdrinier Table: - On this table fibres form a Continuous matted sheet of Paper. Here water is also drained out by suchon forces (iv) Press section: - Here a series of rollers fress the sheet of Paper to remove additional water In this way web structure is consolidated.

(v) Dryer section: - In this section wet sheet of Paper is dried. Here water is removed by gravity by Suction or by Pressing

(Vi) Calender Stack: - Here a series of roll nips reduce the thickness of Paper sheet and make its surface smooth. It is called Calendering of paper sheet by singlish

(vii) Reel formation: - The dried Paper is wound (Lip) in the form of reel. This Paper Contains about 6-8% moisture (&).

The Fourdrinier Paper making machine is shown in figure. Its important Parts are labelled.

(iii)	The	nitrogen present in some fertilizers helps plants.
(a))	To fight against diseases (b) To produce fat
)	To undergo photosynthesis (d) To produce protein
(iv)	Phos	sphrous helps the growth of
		Root (b) Leave (c) Stem (d) Seed
		o-nutrients are required in quantity ranging from
	(a)	4g-40g (b) 6g-200g (c) 6Kg-200Kg (d) 4Kg-40Kg
(vi)		ng the manufacturing process of cement the temperature of the
		emposition zone gaes up to. 600°C
wiii		600°C (b) 800°C (c) 1000°C (d) 1200°C word paper is derived from the name of which reedy plant
(AIII)	1116) (2)	Rose (b) Sunflower (c) Papyrus (d) Water Hyacinth
wiii		th is not a calcarious material?
		Lime (b) Clay (c) Marble (d) Marine shell
		many zones through which the charge passes in rotary kiln?
	(a)	
		nonium nitrate fertilizer is not used for which crop
()	(a)	Cotton (b) Wheat (c) Sugar cane (d) Paddy rice
		·
Ans	wer:	-(i)c (ii) c (iii) d (iv) d (v) b (vi) b (vii) c (viii) b (ix) a (x) d
		(Att n (Att) c (Am) n (ix) a (x) d
Q4.	Wha	t are phosphatic fertilizers. How are they prepared? Mention the
	role	of phosphorus in the growth plants.
Ans	wer:	- see page No. <u>266</u> · 267
Q5.		What are fertilizers? Why are they needed?
		Discuss the classification of fertilizers and their uses.
	(c)	How is urea manufactured in Pakistan? Describe in detail the
		process used?
Ans	wer:	- see page No. 261, 263, 264
Q6.		What are the prospects of fertilizer industry in Pakistan?
		What are essential nutrient elements and why these are needed
		for plant growth. Write down the essential qualities of a good fertilizer?
Ans	wer:	- see page No. <u>261</u> · 262
07	(2)	Describe the composition of a good Portland cement.
Q ,.	(b)	Discuss the wet process for the manufacturing of cement with:
	(4)	the help of flow sheet diagram.
	(c)	What do you understand by the term "Setting of cement". Also
	1-1	discuss the reactions taking place in first 24 hours?
A		
Ans	wer:	- see page No. <u>268</u> · 269 · 270
Q8.	Wha	t are the essential non-woody raw materials used in the
		luction of pulp and paper in Pakistan?

Answer:- see page No. 273

EXERCISE

O_1	1	Fi	11	in	the	B	lan.	ks.

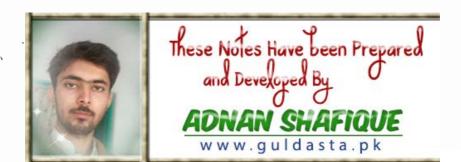
(i)	Fertilizers enhance the natural of the soil.
(ii)	Micro-nutrients are required in quantity ranging fromper acre.
(iii)	Ammonia contains % nitrogen.
(iv)	Manure is an material used to fertilize land.
(v)	Cement was first introduced by an English mason
(vi)	The rotary kiln rotates or its axis at the rate ofR.P.M.
(viil	In Pakistan, bleaching of pulp is carried out with
(viii)	Coment is generally manufactured using process.
(ix)	The dried papers is wound in the form of reel having final moisture content of about
(x)	Lignin is anpolymer and causes paper to become brittle.
Ans	wer:- (i) fertility (ii) 6—200g (iii) 82 (iv) natural (v) Joseph Aspdin (vi) 1—2 (vii) Cl ₂ or NaOCl (viii) wet (ix) 5—8% (x) aromatic
Q2.	Indicate True or False.
(i) (ii)	Potassium is required to stimulate early growth of plant. Ammonia is used in gaseous state while all other fertilizers are used in the solid form.
(iii)	In wet process for the manufacturer of cement, grinding of raw material is done in the presence of water.
(iv)	The total production of cement in Pakistan is 56,36,100 metric tops/annum
(v)	In neutral sulphite semi-chemical process, sodium sulphite is used buffered with sodium carbonate and soda ash.
(vi)	Lignin is an inorganic binder.
	Paper consumption in fPakistan is around 5Kg per person per year.
(viii	Urea contains 90% nitrogen.

- (ix) The temperature of the digester in paper industry should be around 160-180°C.
- (x) Potassium fertilizers increase the capability of plants to resist diseases.

Answer:-(i) false(ii) false(iii) true (iv) false (v) true (vi) false(vii) true (viii) false (ix) true (x) true

Q3. Multiple Choice Questions. Encircle the correct answer.

- (i) Which three elements are needed for the healthy growth of plants. (b) N,Ca,P (c) N,P,K (a) N,S,P
- (ii) Which woody raw material is used for the manufacture of paper pulp? (a) Cution (b) Bagasse (c) Poplar (d) Rice straw



السلام عليكم ورحمته الله وبركاته

مخقب تعبادني

کافی عرصہ سے خواہش تھی کہ ایک ایسی ویب سائٹ بناؤں جس پر طالب العلموں کیلئے تعلیمی مواد جمع کر سکوں۔ اللہ تعالی نے توفیق دی اور میں نے ایک سال کی محت کے بعد ایک سائٹ "گلدستہ ڈاٹ پی کے " کے نام سے بنائی جو کہ قرآن و حدیث، اصلاحی، دلچیپ، تاریخی قصے واقعات، اُردو اِنگش تحریریں، شاعری و اقوال زریں، F.Sc اور B.Sc کے مضامین کے آن لائن نوٹس، اسلامک، تفریحی، معلوماتی وال پیپرز، حمد و نعت، فرقہ واریت سے پاک اسلامی بیانات، پنجابی تظمیس و ترانے اور کمپیوٹر و انٹرنیٹ کی و نیا کے بارے میں ٹمپس، آن لائن کمائی کرنے کے مستند طریقہ کار۔ کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اور بھی بہت سی چیزوں پر مشمل ہے۔ اور انشاء اللہ میں مزید وقت کے ساتھ ساتھ اضافہ کرتا جاؤں گا۔ آپ کی قیمتی رائے کی ضرورت ہے۔ عرفان شفیق ساتھ ساتھ اضافہ کرتا جاؤں گا۔ آپ کی قیمتی رائے کی ضرورت ہے۔ عرفان شفیق

انهم نوط

ذیل میں جو نوٹس مہیا کیے گئے ہیں وہ کئی گھنٹوں کی لگاتار محنت کے مرتب ہوئے ہیں۔ اور آپ کو بالکل مفت مہیا کر رہے کیے جارہے ہیں۔ ان کی قیمت صرف اتن سی متوقع ہے کہ ایک بار ہیں۔ آپ سے ان کی قیمت صرف اتن سی متوقع ہے کہ ایک بار ورود ابراھیمی اپنی زبان سے ادا کر دیں۔

اللَّهُمَّ صَلِّ عَلَى مُحَمَّدٍ وَعَلَى آلِ مُحَمَّدٍ كَمَاصَلَّيْتَ عَلَى اللَّهُمَّ صَلَّيْتَ عَلَى اللَّهُمَّ اللَّهُمَّ صَلَّيْتَ عَلَى اللَّهُمَّ اللَّهُمَّ اللَّهُمَّ اللَّهُمَّ اللَّهُمَّ اللَّهُمَّ اللَّهُمَّ اللَّهُمُ اللَّهُمُ اللَّهُمُ اللَّهُ عَلَى اللَّهُ اللَّهُ عَلَيْهُمُ اللَّهُ عَلَيْهُمُ اللَّهُ عَلَيْهُمُ اللَّهُ عَلَيْهُمُ اللَّهُ عَلَيْهُمُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْهُ عَلَيْهُ اللَّهُ عَلَيْهُ عَلَيْ عَلَيْهُ عَلَيْكُ عَلَيْهُ عَلَي



اللَّهُمَّ بَامِكَ عَلَى مُحَمَّدٍ وَعَلَى آلِ مُحَمَّدٍ كَمَا بَاءَ كُتَ عَلَىٰ إِبْرَاهِيُمَ وَعَلَى آلِ إِبْرَاهِيْمَ إِنَّكَ حَمِيْدٌ بَحِيْدٌ إِبْرَاهِيْمَ وَعَلَى آلِ إِبْرَاهِيْمَ إِنَّكَ حَمِيْدٌ بَحِيْدٌ