My Physics, Chemistry and Biology Lab

Experiment File PDF

Friends this is My Own Classroom Lab Experiment File of Physics, Chemistry and Biology. I think I have created this Material by doing lot of hard Work, so I want to provide to you in PDF Form. You Download and Use It to Get Good Marks.

| Download Biology Investigatory Project Class 12 PDF | |
|---|--|
| Download Biology Lab Project Activity Class 12 PDF | |
| Download Biology Lab Practical Experiment File PDF | |
| | |
| Download Physics Investigatory Project Class 12 PDF | |
| Download Physics Project Activity CBSE Class 12 PDF | |
| Download Physics Lab Experiment with Reading | |
| | |
| Download Chemistry Project Practical File PDF CBSE Class 12 | |

| 1) To study and adontify the stages of gamete sevelopment ie. To after a) To study and identify the stages of gamete development ie is of ovary through permanent slide 3) study of entamoeba histolytica, plasmodium vivare and Ascarte Jumbricoides 4) To study of plants and animals found in xero phytic conditions 6.) To test the presence of inorganic salts in different soil sumples | Page No. | Date of Experiment | Date of Submission | V _k = 0.5 |
|--|-------------|-----------------------|-----------------------|----------------------|
| 1) to study and odentify the stages of gamete sevelopment is to | - | | Submission | Remarks |
| development game to | ni | | | |
| development is. Is af text | 01 | 12-4-18 | | |
| 8 2) To study | 1 | | | _ |
| 2) To study and identify | | | H/h 16.5 | |
| the stages of gamere | 7 | The ! | | - |
| development ve. 18 of | 03 | 100 | 1 | |
| orang through permanent | 03 | 4-5-18 | - Alteres | |
| 8 31106 | | \leftarrow | - XI | |
| | | 1 | | |
| 3) study of entamoeba | | 1 | X | 1 |
| histolytica, plasmodium | | | | A |
| vivase and Ascans | 0.5 | 16-7-18 | _\) | |
| Jumbri coides | 0.5 | 10-1-10 | X | |
| 1000 | | | | |
| 4) Ta al du | 4 | | | A |
| 4) To steely To of Blastula | 1 | | 1 | 1 |
| through permanent slide | 10 | 17-8-18 | 1 | 1 |
| | | | - 11 | |
| s.) study of plants and | - | | 1/ | |
| S S S S S S S S S S S S S S S S S S S | 12 | 18-9-18 | W | |
| animals found in | 12 | 10 4 0 | | |
| xero phytic and tions | | 1 | | |
| | | | | |
| 6.) To test the presence | | | | |
| The production | 14 | 28-9-18 | | |
| af inorganic salts | - | | | |
| in different soil sumples | -+ | | | |
| | | EH33H3 | | |

INVESTIGATORY ROJECT ADULTERATION

CERTIFICATE

This is to certify that Proshant Kumar of class III has Successfully Completed the investigatory Project on the Topic "FOOD ADULTERATION" under my Guidance During the year 2018-2019 in the Portial fulfillment of the Chemistry Practical Examination conducted by C. B.S.E.

Teacher's Signature



ACKNOWLEDGEMENTS

Jam indehted to a member of people Dho
hove to derious stages helped and
motivated me to bring out this project.

Doubt like to thank

our chamistry teacher who not only buided
me But Also provided delevant informations
and materials.

The Contribution of my triends and family
ples describes a men tion lost but not the
least I Doubt like to thank the Almighty
without whose groce the work would not
have Been a success.

Prashant Kuman

| CIASSMATC Date Front 69 |
|---|
| At was agreed opportunity for me to put Jorth my views about common food Adulternate through this project at is strictly Barred on the said for the year lost 2019. This junfilled tenk and amend my show ledge about Adulternate and their ill effects: Even a Small amount of Adulternate and their high light on this topic, he medial me gravers and a year methods of setections of presence of high light methods of setections of presence of Adulternate in Food. This shall create a wareness and improve our health. A healthy person can only here of the Pinacle of Success. Applieded the Sanate effort of mine is Applieded the by all. Prosshant tumper |

| | CONTENTS | |
|------|--------------------------|---------|
| 3.40 | TO 121'C | Page no |
| 1. | study of Adulterants | 04 |
| Q | Danger Signal to Health | 0.5 |
| 3. | common Tood -Hulteran Hy | 10 |
| 4. | Remedial Measure | 08 |
| | | |
| 5. | Survay in Bihar | 09 |
| 6. | Ex periments | 100 |
| | (i) fal and oil | 12 |
| | (iv) chilli pooder | 15 |
| | in chilli Pooder | 17 |
| | (vi) Turmeric Powder | 18 |
| (| 1) 101 11/61/6 300/61 | 13 |
| | | |
| | |)X) |

| 100 | |
|------|--|
| 1 | |
| 1 | CIASMACC Cate: Fee: DA |
| | |
| | Study of Adulterant |
| 1 | or include of Floring Court |
| 100 | INTRODUCTION |
| | |
| 2000 | There are three Basic necessities of man: |
| | Considering the importance of Jood as one of |
| 7 | NUT IAMATE HER HINCOMORAL - HO I - 1 A CO. P. M. M. |
| | Should be healthy and nutritions. But it was alrue only in ancient times when there was plenty of healthy nutrition. Today with exploding go putation the scen and has rotally changed. There is an acute shortage in the Supply of Common dood stuff. |
| | plenty of healthy my driller That was |
| t.L. | exploding go Pulation the scen and has |
| | Totally changed . There is an acute shortage |
| 11 | in the Supply of Common Jose stuff. |
| 14 | To keep page with the inexposing needs of land |
| 10/ | Some traders reast to look adulteration. |
| | Diliperate contamination of Jood Mylteration Substancos is Called Jood Mylteration |
| - | with low and the cheapy is egiple, tonic |
| | 2 m 24 and cos 12 called 1009 Agal 46 to 4 au |
| 1 | Tood Adulteration loads to sextanation the |
| - la | Problems. Also leads to increase in price in dex |
| | Besides it has mo 20 well Balanced Jood, out |
| | of heach of Common people. |
| | 9 1 |
| | |
| | |
| | |

CIASSMATE Lade: PZ A HE ough purposely degrading the Quality of Practice in Basically anti - Social elements. People, of awareness among DANGER SIGNAL 200 921C Adulteration is responsible for many Diallihoro, Asthma, ul cerse Some times be fatal. Body- Hery Staff freach our 1000 chemical & the motopolism The Jos many yellow. moterial WITH terated with lateyous say on otherism. Both Kuman beings Susceptible to tateysism. heported Se verso epidemics have been rom Bihar, Hipaul some officer Lateyrisms is lower Spmial Swerny clipp ling of the Complete paralysis.

CIASSMATC The Toxic Principle has seen identified as anicho popianitaite (Ce Hiz Oz Mz) acid is present in Concentration Josying from SP to 160 mg 1200ym and solonum acid interfore with methioxime mode balism.

CIASSMATE

REMEDIAL MEASURES

To Combat the lising menore of food Adveration
by unstruptous treders the government of india has
usinged the PREVENTION OF FOOD ADDITERATION

ACTS AND RULE X FOOD PRODUCTS ORDERS Daid

Serve following functions
(i) Laying minimum manufacturing standards for
the Quality of foods condition under Daid

(ii) 3 perilying the hygenic condition under Daid

the food product should be many factured

the food product should be many factured

indicate on the time of wrapper of the product

product the date of manufacture of the product

Serping Date, the weight on Johnman of the food

Content and the I polar price of the product

The Bureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sures

Content and the Sureau of India Standar to is sureau

The Bureau of India standar to issures

Corolificates of helia bility to the ofood manufactura

and Jood pro cossing units of ter a the orange

in spection of their to closy and testing of their

Product.

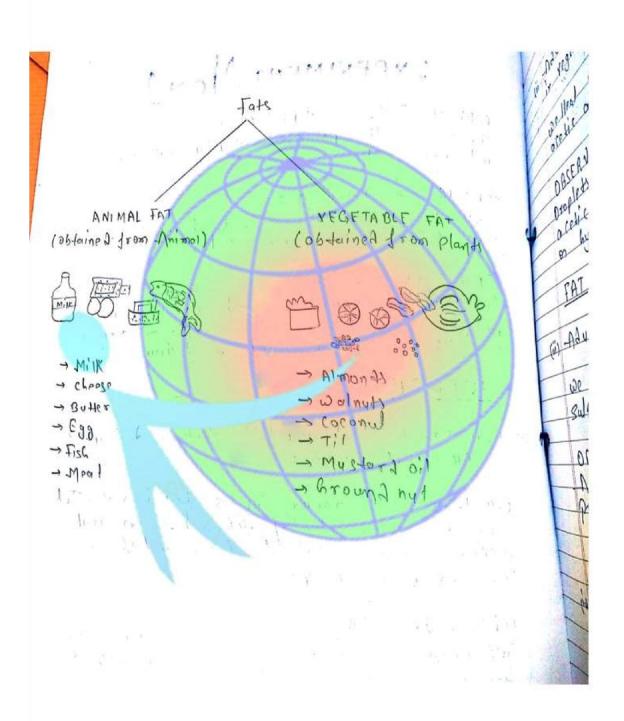
The Fromark on the bottler of squashes Soul pack acts and other heady to Ed Canned food "Agmark" and is! "Symbol on food products such an spicis buttles, gleo, edible oil and powdered milk, testify their high purity and good Quality.

classmate Parper 10 9 we should ensure that the we buy only those food stuffs pear Book either of these, Quality been and up in all sig Symbols on herend laboratories have been cities across the country. The local health Collects, Sample Deportment periodically byttle and pulsas and conducts test to soled Ady tera Jon Problem different years. For the purpose From different fords of the Government Public were anglysed Cobord tory Bihor, The Result Jound were hocker disperinting and disgusting. About 4,09, 200 Samples were taken out of hid 1, 03, 044 nous Lound 40 00 Herated in out the Central Food and escard In stitute Mysom is engaged giving in formation Asoul the food in giving in J

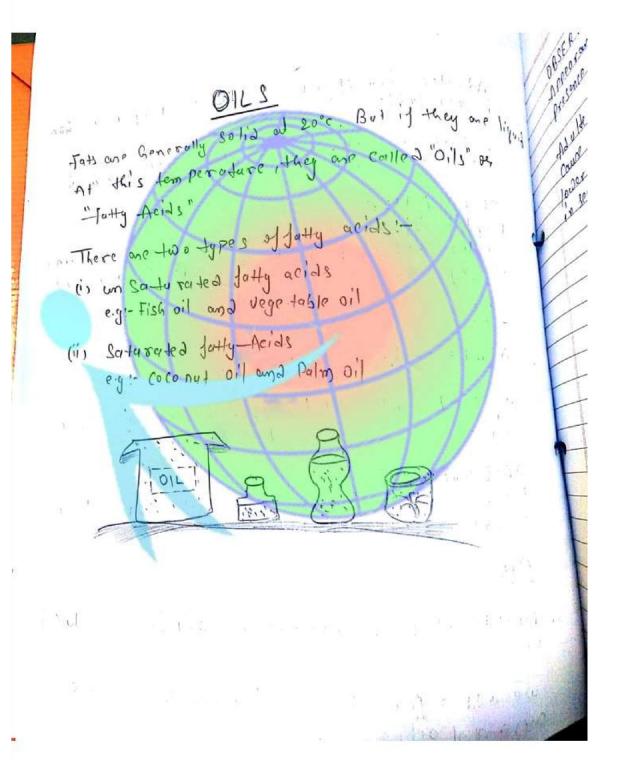
| 16 | | | 1.00 10 |
|----|---------|----------------------------|---|
| | ME. | THOD OF | DETECTION |
| Ns | Typeoff | ood Common -Maulter and | How to Detect |
| | Dosi Gh | a dered sweet | with little Sugar and Halis |
| | | potato store matter | Shakendar direminutes presence of Pink Colourin |
| | | | of vonos poti inter sample |
| | | | Oler or butter is added and |
| | | 1 | Boiled. A drap of indiapron dinctural indiapros Added atter cooling Appearance of |
| | | H | Blue Colour indicates proses of storch matter inthe Samp |
| 2. | Mustard | Argemone | In About 5 ml of the oil, fee |
| | oi | 017 | and shoken carefully oran |
| | | | becomes of argument oil |
| | | | |

| n | | | CINSSMATC |
|-------|--------------------------|------------------------------------|---|
| No | Type of Food | Comman Adulterant | How to Defect |
| 4- | Sugar | bongon on chalk naching gogo | About em! of sil Hol is Added to small amount of sample Effections in Addition of acid show the presence of chalk or was hing sofa in the sugar sample. |
| | Red Chillis Powder | or colous | A small amount of the Somple is Added to glass full of water The contents one stilled for 8 Minutes Brick pop dor Settles at Sottom. |
| 6. 6 | pepper | Dried Papayo | Asmall amount of sample is Added in aglass full of Dates. Oried Papaya Seeds floats over outer Dhild the pepper Settle Jow |
| 7 · R | lice b | stone chips esembling him | Rice is Added to a glass full of water stone chips will south 200 at the bottom first |
| - 1 | m Dal | ch esari Dal | A little amount of Hel is About. Sample and heated. Pink color. indicates the khesari Dal. |
| · Tu | | powder | About Imid 21/40/15-ALLED to the sample Efferves canco Indicates in the Sample. |

| | Classmace finds () |
|-----------------|--|
| | EXPERIMENT NO > 1 |
| | AIM OF THE EXPERIMENT: To petect the presence of Adultranate in Fal. |
| - | THINGS REQUIRED: Test Tabe, conc Hol, for ford, acetic anhydrian Conc. Hosoq, acetic acid, Holog |
| | PROCEDURE: Common aduterante present in ghee and oil and Praffin war hydro Carbon, dyes and argomono il. These are detected as follows. |
| (i) A | BUTTER AUIteration of regetable gles in Deal gles. BAK DDVIN TEST |
| co ow Alc | e take small amount of desighed in a test Tubo 12 a2d to it Imploy Hel out e-3 dropsof et. 12 coholic Solution of for foral and shake the 1 tents vigorously. |
| 0 C -API | DEFRUATION PROFONCO of Sed Colour in the owind Tayor ows that veyetable gloc has been mixed as adulterant to Jesi gheo. |

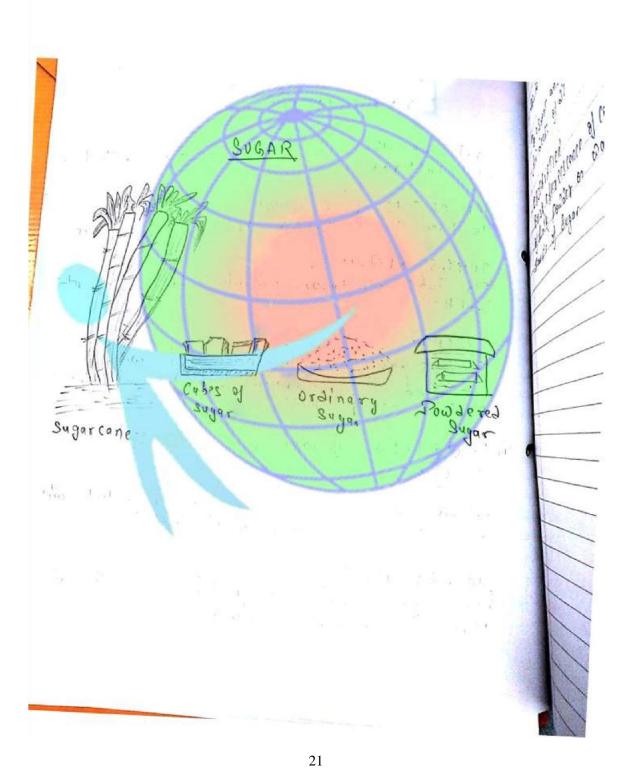


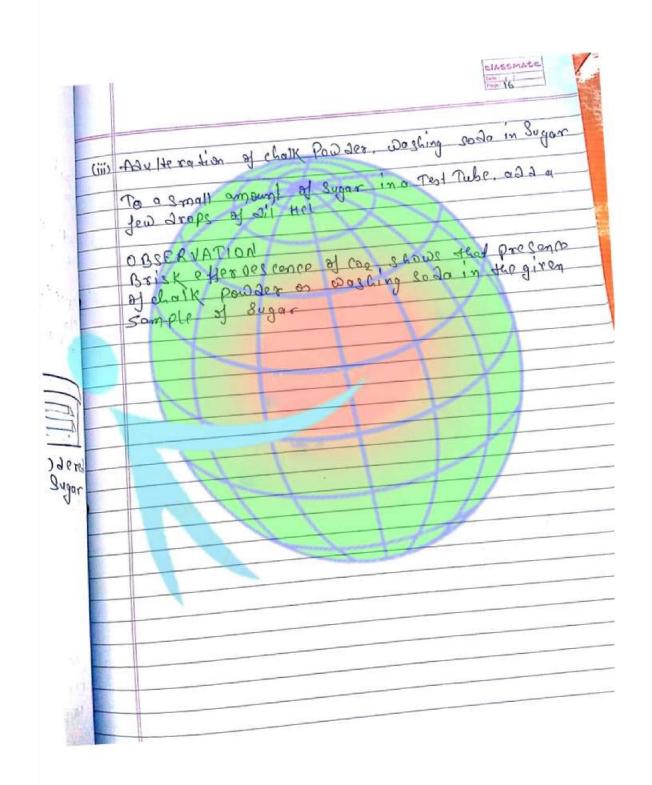
| | ENSUMATE ENSUMATE |
|-------|---|
| 1 | |
| 1 iii | Naulteration of Proffin wax and hydro earbon in regetable or |
| | in regertable or |
| 1 | we Hed a small amount of regulable gles with |
| 1, - | acetic aphydride |
| Ar II | |
| PL PL | OBSERVATION I I a was and large of unused |
| Plant | OBSERVATION Oraplets of ail floorling on the sub face of unused Oraplets of ail floorling on the pre sence of war a cetic an hydride in dicutes the pre sence of war |
| | a cetic an hydrid is a case |
| 3/1 | en hydro carbon |
| 33 | FAT |
| | |
| Cit | -Adulte nation of Dyon in fal |
| · · | we theat I'm! of fal with a minture of I'm! cont. Sulphyric acid and Aml of archic acid. |
| 1 | we Heat I'm of the office and |
| | Sulphynic acid and single |
| 12) | |
| | OBSERVATION' Appearance of Pink on trad colour indicates presence of Dye in Feet |
| | Appea rance of the |
| | presence of dye in ter |
| | 1000 |
| | 011 |
| | 1 man of Oil in rege to ble |
| rivi | Adulteration of organismone oil in regetable |
| | o'l |
| 11 | we alt a few drope of conf. Holog to a Small am our of oil in a test- Tubo & tean shake it. |
| 45 | we alt a few drope of conf. may |
| 1 | a test - Just then say her |



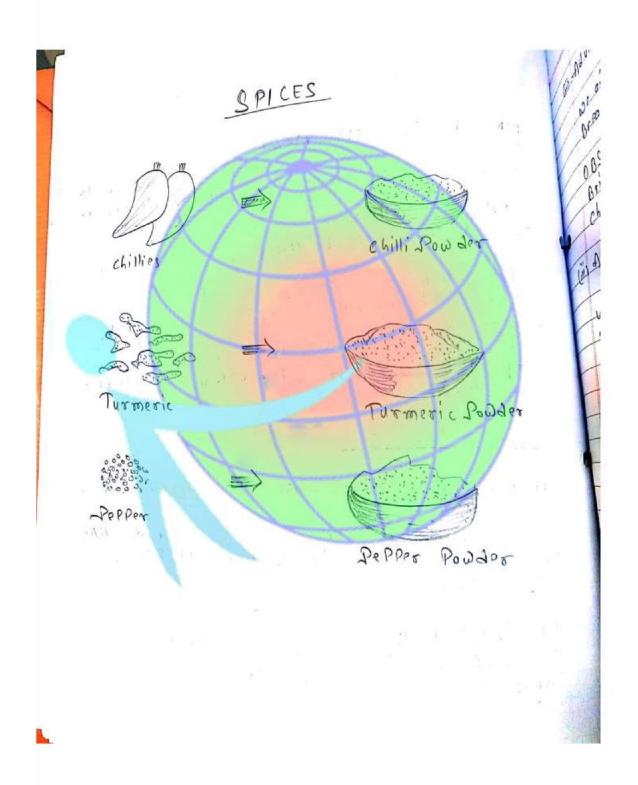
| 1 | CIASSMACC Sun 1 Prom 14 |
|---|--|
| a | OBSERVATION |
| | Appearance of led Colour in the Acid layer indicute Presence of argemone oil |
| 7 | presente glasgement of |
| | Adulteration of alible oil of argemone seeds Course DRORGY which is characterized by Swelling of Lower unit and Semal fortula. This can be lated in serious Cases. |
| | Lower unit and semal for late. This can be tated |
| | in scribul Cases. |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

| | Classmate Index Properts |
|----|---|
| | EXPERIMENT NO > 2 |
| | Diet . Jine Dhite Sound and Inva one mixed with Sugar |
| | AIM OF THE EXPERIMENT To Defect the Presence of Adulter and in Sugar |
| | THINGS REQUIRED Test Tube. Come He son, alcoholic solution of a mapter. Jil Hel |
| | PROCEDURE Sugar is usually contaminated with working Soda and other in soluble substances which and |
| | Adulteration of various insoluble substances |
| 1 | n Sugar |
| 0 | up take a Small sumpunt of Sugar in a test techn up a shake it with a little water. |
| Pu | BSERVATION The Sugar disolved in water but in soluble operation do not dissolved. |
| | |





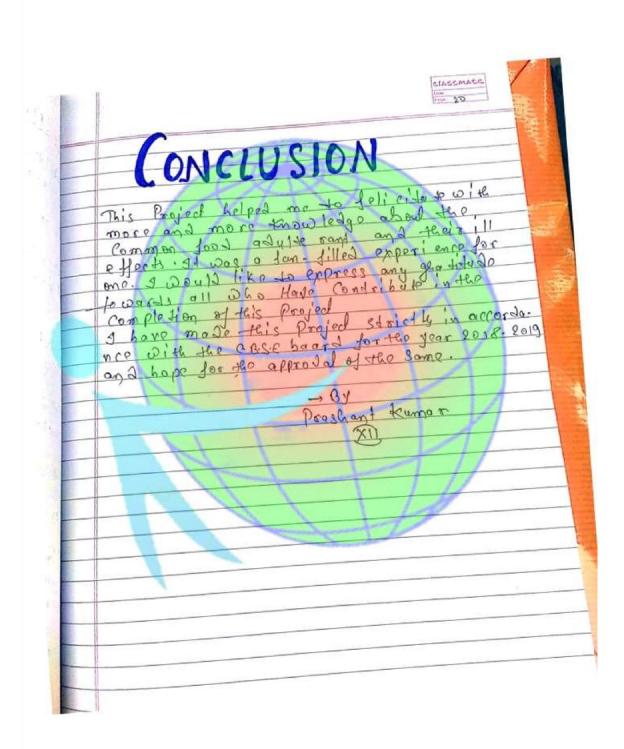
| | Classmate. |
|-----|--|
| | EXPERIMENT NO 3 |
| | AIM OF THE EXPERIMENT To Detect the Presence on Adulterante in Samples Of Chilli Powder, Pepper and two meric Powder |
| | THINGS REQUIRED Test Tube, Conc. HCI, dil HNog, Dodine Solution. |
| | PROCEDURG Common adulterants Prescrit in chili Pawer, termeric Powser and perpen are hed colour Les lease salts, wellow leas salts and dried Papaya seeds her pertibely. They are detected |
| | CHILLI POWDER |
| 1 | Daylteration of sod lead Salts in chilli Powder |
| 0 | BSERVATION |
| 1/8 | ellow ppt. obtained indicates the presonce of |
| 4 | |



| | CIASSMATC [Index: 18 |
|------------------|--|
| (iii) | -Adulteration of brick Powder in hed chilli Powder |
| | oreaker Containing water |
| | OBSERVATION Brick's Powder settles at the bottom while pure Chilli powder Sloate over water |
| (iii) | Adultero tion of chilli Powder with colours |
| | omound of chilli powder in a Test Tube |
| 1 | DOSERVATION DOSES RUATION DOSE |
| P | PEPPER |
| (iv) A | dulteration of dried papaya soeds in pepper |
| br ho | e agg a sugar amount of sam ble of bebber 400 |
| OB Dri Ohi | SERVATION ed papaya seeds being highter flood overwater le pure pepper settles at the Bottom. |

| | CIASSMATC [Index: 18 |
|------------------|--|
| (iii) | -Adulteration of brick Powder in hed chilli Powder |
| | oreaker Containing water |
| | OBSERVATION Brick's Powder settles at the bottom while pure Chilli powder Sloate over water |
| (iii) | Adultero tion of chilli Powder with colours |
| | omound of chilli powder in a Test Tube |
| 1 | DOSERVATION DOSES RUATION DOSE |
| P | PEPPER |
| (iv) A | dulteration of dried papaya soeds in pepper |
| br ho | e agg a sugar amount of sam ble of bebber 400 |
| OB Dri Ohi | SERVATION ed papaya seeds being highter flood overwater le pure pepper settles at the Bottom. |

| | Ct. Deat |
|----------|---|
| | TURMERIC POWDER |
| 6 | 10 to teration of yellow lead salts (load chromate) |
| | To a Sample of Turmeric powder, we and come the |
| | OBSERVATION |
| | Appearance of magenta colour shows the present |
| vii | Adulteration of turmeric Powder with wheat on |
| | Sorghum Powder |
| | we dissolve small amound of the mexic Powder in |
| - | we dissolve small, amound of the meric Powder in |
| \dashv | OBSERVATION |
| | Blue colour is produced due to stand in this wheel |
| 10 | on sor ghum flower thereby indicating their presences |
| 1 | Land chromate Added to turneric Powder being |
| 1 | ellas in Colour is Nery toxic. It can Cause ANAFMIA |
| 70 | ellow in Colour is very toxic. It can cause ANAEMIA. Hithness in limks. Paralysis, montal, retardation and |
| È | orain Jamage. It is also known to induce abortion |
| 1. | n Pregnand Women. |
| | 1/ |



| | CIASSMATE |
|--|-----------|
| BIBLIOGRAPHY | |
| This chemistry Project in Joldes of Research and hard work. It cons Materials gathered from a Days no of Books. The Books used by me of | ists of |
| This chemistry Project in Joldes of Research and Hard work. It comes Materials gathered from a Day no of Books used by me of the Physical chemistry (XII) (in Lab Manual (XII) (ii) India Podeny (iv) Frontline (v) out look | |
| | |
| | |
| | |
| | |
| | |

biology investigatory project class 12 biology project for class 12 biology projects for class 12 ncert biology project topics for class 12 biology projects for class 12 pdf investigatory project in biology biology projects for class 12 on genetics biology projects for class 12 cbse on cancer biology investigatory projects for class 12 cbse ppt bio investigatory project class 12 investigatory project of biology class 12 biology investigatory projects for class 12 free download investigatory project in biology for class 12 on drug addiction biology investigatory projects for class 12 cbse on antibiotics bio investigatory project biology projects for class 12 pdf download biology projects for class 12 science biology investigatory projects for class 12 cbse biology investigatory project class 12 slideshare topics for investigatory project in biology for class 12 biology projects for class 12 cbse on cancer pdf cbse class 12 biology project list of investigatory project in biology for class 12 cbse topics for biology project class 12 cbse investigatory project in biology for class 12 on aids pdf biology investigatory project class 12 pdf download biology investigatory projects for class 12 cbse on evolution investigatory project on dna fingerprinting for class 12 cbse bio investigatory project class 12 topics investigatory project in biology for class 12 cbse on malaria best topic for biology project class 12 biology investigatory project on aids biology class 12 investigatory project topics biology project on drugs

and alcohol abuse for class 12 pdf class 12 biology
investigatory project on drug addiction biology investigatory
projects for class 12 cbse on cancer biology investigatory
projects for class 12 cbse topics best biology project for class
12 biology investigatory projects for class 12 cbse free
download topics for investigatory project in biology class 12
biology project for class 12 on drug addiction best biology
investigatory project topics for class 12 cbse best
investigatory project in biology for class 12 biology project
for class 12 pdf on aids class 12 biology project on drug
addiction

12 th biology investigatory project biology investigatory project class 12 pdf biology investigatory projects for class 12 cbse on immunity best topic for class 12 biology project biology experimental projects for class 12 biology investigatory project with case study dna fingerprinting investigatory project class 12 biology topics for project class 12 biology investigatory project on dengue investigatory projects in biology for class 12 pdf download cbse investigatory project biology class 12 investigatory project in biology for class 12 cbse pdf biology project file topics for class 12 investigatory project biology topics for class 12 th investigatory project biology topics for class 12 biology investigatory project biology investigatory project topics for class 12 easy biology projects for class 12 biology investigatory project pdf interesting topics for biology

project class 12 class 12 biology project on diabetes biology project for class 12 on human health and disease investigation project of biology for class 12th best topics for biology investigatory project class 12 biology investigatory projects for class 12 slideshare biology class 12 investigatory project pdf biology project for class 12 on drug addiction pdf best topics for biology project for class 12 cbse biology project on drugs and alcohol abuse for class 12 investigatory project of class 12 biology class 12 biology investigatory project cbse easy topics for biology project class 12 investigatory project topics in biology for class 12 biology project class 12 pdf biology project on diabetes for class 12 bio investigatory project class 12 cbse cbse class 12 biology project on cancer investigatory project in biology topics best biology investigatory project class 12 investigatory project in biology for class 12 on aids topics for biology project class 12 isc biology investigatory projects for class 12 with case study biology project class 12 topics best topic for biology investigatory project for class 12 biology investigatory project on dengue class 12 simple biology projects for class 12 investigatory biology projects for class 12 biology investigatory projects for class 12 cbse download pdf class 12 cbse biology investigatory project project on drugs for class 12 biology biology investigatory projects for class 12 on disease biology projects for class 12 slideshare class 12 investigatory project biology topics

biology investigatory projects for class 12 with case study

biology investigatory projects for class 12 cbse ppt

biology investigatory project class 12 pdf download

investigatory project in biology for class 12 on drug addiction

biology project for class 12 pdf

case study for biology project class 12

biology investigatory project class 12

biology investigatory project class 12 slideshare

class 12 biology project pdf download

biology project pdf

class 12 biology investigatory project on drug addiction

biology projects for class 12 pdf

best topic for investigatory project in biology class 12

investigatory project in biology for class 12

drug addiction project pdf class 12

biology investigatory projects for class 12

biology class 12 investigatory project with case study

biology project on drugs and alcohol abuse for class 12 pdf

drug addiction investigatory project

biology class 12 investigatory project

class 12 biology project

best investigatory project in biology for class 12

biology projects for class 12

investigatory project on drug addiction

easy topics for biology investigatory project class 12

best topics for biology investigatory project class 12

project on drug addiction class 12

biology investigatory project for class 12

drug addiction class 12 project

class 12 biology investigatory project

investigatory project in biology for class 12 topics

best biology investigatory project topics for class 12 cbse

biology investigatory project class 12 slideshare on cancer

biology investigatory project class 12 drug addiction

investigatory project class 12 biology

cbse class 12 biology project

bio project class 12 topics

investigatory project in biology for class 12 on immunity

biology projects for class 12 pdf download

biology project for class 12

best ip project for class 12

biology projects for class 12 topics

biology project topics for class 12

biology investigatory projects for class 11 cbse pdf download

biology case study for class 12

biology investigatory project

investigatory project in biology

biology project class 12

bio investigatory project class 12

bio investigatory project

drug addiction project class 12

investigatory project of biology class 12

biology investigatory projects for class 12 cbse on antibiotics

biology projects for class 12 cbse on cancer

topics for investigatory project in biology

investigatory project for biology class 12

biology investigatory projects

biology investigatory projects for class 11

case study on drug addiction class 12

bio project class 12

class 12 investigatory project

biology investigatory projects for class 12 cbse

class 12 biology investigatory project topics

investigatory project biology class 12

project on diabetes for class 12

biology project topics for 12th

investigatory project biology

investigatory project for class 12

best topic for biology project

biology project on aids for class 12 pdf

biology projects for class 12 ncert

bio investigatory project class 12 topics

biology class 12 investigatory project topics

cbse class 12 biology investigatory project topics list

biology project file class 12

investigatory project on biology

dna fingerprinting project for class 12 cbse

download ip project for class 12 for free

class 12 investigatory project biology

biology class 12 project topics

topics for biology project class 12

class 12 biology project topics

class 11 biology investigatory project

biology class 12 project

biology projects for class 11 pdf download

biology project for class 12 topics

cbse class 12 investigatory project

biology project topics pdf

12th biology investigatory project

investigatory project on dna fingerprinting for class 12 cbse

drugs project class 12

biology project topics for class 12 isc

biology investigatory projects for class 12 cbse topics

12th biology project topics

topics for biology investigatory project

investigatory project in biology class 12

biology investigatory project for class 12 on dna fingerprinting

topics for bio project class 12

project for class 12 biology

project on biology for class 12

biology investigatory project on cancer

cancer investigatory project

topics for investigatory project in biology class 12

class 12 biology project on drug addiction

investigation project of biology class 12

biology investigatory project class 12 topics

drug abuse investigatory project

12th science biology project

drug abuse project class 12

biology investigatory project topics

class 12 biology investigatory project on cancer

class 12 investigatory project biology topics

biology ip project class 12

drug addiction biology project

easy topics for biology project class 12

best topic for biology project class 12

biology projects topic for class 12

class 12 bio investigatory project

dna fingerprinting investigatory project class 12

investigatory project for class 12 biology

class 12 biology investigatory project topics cbse

class 12 biology projects

interesting topics for biology project class 12

investigatory project topics for biology class 12

class 12th biology project

list of investigatory project in biology for class 11 cbse

cbse class 12 biology project on dna fingerprinting pdf

investigatory project on cancer class 12 pdf

topics for investigatory project in biology class 11

class 12 biology project on diabetes

investigatory project for biology

projects for biology class 12

biology project file

drugs and alcohol abuse class 12 ncert

biology investigatory project class 11

biology project for class 11

cbse investigatory project

best biology project topics for class 12

biology project for class 12 on dna fingerprinting

ip project for class 12

topic for investigatory project in biology

project for biology class 12

biology project on genetics disorders for class 12 pdf

cbse class 12 biology project

biology investigatory project class 12

investigatory project in biology for class 12

investigatory project of biology class 12

biology investigatory project class 12 pdf download

biology class 12 investigatory project

cbse investigatory project biology class 12

biology project for class 12

investigatory project in biology

biology investigatory project

investigatory project for biology class 12

investigatory project biology class 12

biology project class 12

class 12 biology investigatory project

bio investigatory project class 12

class 12 biology project

biology class 12 project

biology project topics for class 12

bio project class 12

biology investigatory project for class 12

biology project file class 12

class 12 biology investigatory project topics

investigatory project on biology

investigatory project in biology for class 11

investigatory project for class 12 biology

biology project topics for class 12 cbse

cbse class 12 investigatory project

bio investigatory project

topics for investigatory project in biology

project on biology for class 12

investigatory project meaning

class 12 investigatory project biology

topics for biology project class 12 cbse

biology project for class 12 topics

meaning of investigatory project

investigatory project biology

conclusion of accounts project class 12

conclusion for biology project

bio investigatory project class 12 topics

12th biology project

biology projects for class 12 cbse

biology class 12 investigatory project topics

topics for bio project class 12

project for class 12 biology

class 11 biology investigatory project

investigatory project in zoology

bio project for class 12

investigatory project class 12 biology

project on biology class 12

investigatory project of biology

acknowledgement for biology project

acknowledgement for project class 12

bibliography class 12 project

conclusion for accountancy project class 12

conclusion for accounts project class 12

preface for biology project class 12

preface for class 10 project

preface for project class 12

biology

biology ip project class 12

class 12th biology project

investigatory project file

biology investigatory project class 12 topics

biology investigatory projects for class 12 cbse

biology projects for class 12 pdf

investigatory project in biology for class 12 topics

class 12 biology project topics

biology investigatory projects for class 12 cbse topics

biology project for class 12 cbse

project for biology class 12

biology investigatory projects for class 12

biology class 12 project topics

investigatory project for biology

cbse investigatory project

investigatory project biology class 11

investigatory project for class 12

how to make an investigatory project in biology

biology project for class 11

preface of chemistry project

best ip project for class 12

acknowledgement for project biology

cbse class 12 biology project

biology project for class 12

biology projects for class 12

biology project for class 12 pdf

biology projects for class 12 pdf

biology projects for class 12 cbse

biology project pdf

purgatice

top10trendings

biology project file class 12

biology project for class 12 cbse

class 12 biology project

biology projects for class 10 pdf

biology project file

project for class 12 biology

biology project class 12

conclusion of accounts project class 12

conclusion for accounts project class 12