

There are 3 major parts of I Core TI Radiative Zone III Connective Zone. Core is the innermost part of the sun. It is

the sight for fusion reaction.

Here the temperature is

hieghest reaching to 20,000°C Radiative Zone 18 the central part of the sun. It emits radiations and sends energy in outer space. Condective Zone is the outermost bright strip of the sun which is our isibly illuminating Convection zone receives heat from inner parts through convection.

Composition of I Hydrogen (H I Helium (He). The Source of energy as Lucion reaction. Fusion reaction takes place in huge amount the form of heat and Fusion He + Energy

1	Day:
4	B. Tsunami
	11
	Isunami is the
	disaster happening in
-	oceans and seas
	due to large
-	displacement of water
-	displacement of water in ocean."
	Tsurami are generally brown
	as sea storms. They are
	catastrophic in nature ruining
	coastal greas.
	Corco (sa Che as.
	How Tsunami's are generated:
	TEW ISUIPINI 3 QUE GENERATED:
V	Tsunami's are generally created
	by large water displacement
	of huge portion of water or
-	due to easthquikes in the
	oceans or extra-large
1 1 1 1 1	waves on the surface of
	water due to pressure
13	change.
	1 -0

I Ismami's are generated when tectonic plates under the ocean more - displacing large portion of water which disturbs the surface resulting in large water waves causing I Another major reason of creation of tsunami is the air pressure at the surface of ocean. When warm water Trises up leaving low pressure behind to accomodate that space cold mater moves towards it resulting accompanied by low atmospheric pressure. This stoom moves towards land where it results in precipitation and thunderstorms with high speed winds.

Day:	Date:
	Examples of Recent Tsunami's
	I Tsurami of 2004 in Avabian
	ocean hit the south asian
	countries leaving 6 million
	effecties from Palpistan, India,
	Maldives: Srilanka, Indonesia
	and Malaysia.
	I Most recent example of
	Lamami Milton
	in Atlantic Ocean hitting the Florida- U.S.A.
	Florida - U.S.A.
	The state of the s
Pice and	

)ay:	Date.
	C: Environmental Pollution
	- Tenton Paris Indiana de la compansión de
	Any physicals chemical
	or biological change in
	the environment which
	effects its quality is
	called environmental
	pollection."
	Environmental Pollution can be
	of following types.
	I Water Pollution I Air Pollution
	I Land Pollution
	iv Sound Pollection
	Hamfull Effects Of Environmental
	Pollution:
	Environment pollution causing
	Environment pollution causing following major hamfull effects;
	I Primary and secondary

air pollutants, GIHGIS and COZ earth which is called as global warming. According to UN 1.5°C 8ise in temperature So farth from industrial perolution I Deteriorating the quality of Postable doinking water. Only 21. water on Egoth is postable which is being polluted by environmental pollution III Chloro fluoro Carbons emitted in atmosphere result in ozone depletion which causes disruption in food change, infectious disease and climate Disasters such as floods, sising sea levels, evaluates are products of environmental pollution

V Deteriorated air quality leading to respiratory diseases such as asthma and bronchites UNDP says almost 6-7 billion people undergoes respiratory illness annually. Measures to Curb Environmenta Pollution: Following measures should be adapted to control pollution. I Sustainable development goals (SDG's) Set by UN Should be followed. I Restriction should be imposed on emissions from inclustries and transport Juchicles. Ju Sustainable urbanization and agricultural practices may reduce pollution. pollution

Teaties to mitigate pollution
such as Montreal protocol Pio declaration, pyoto protocol, bio-diversity conservation treaty. E Proper waste management

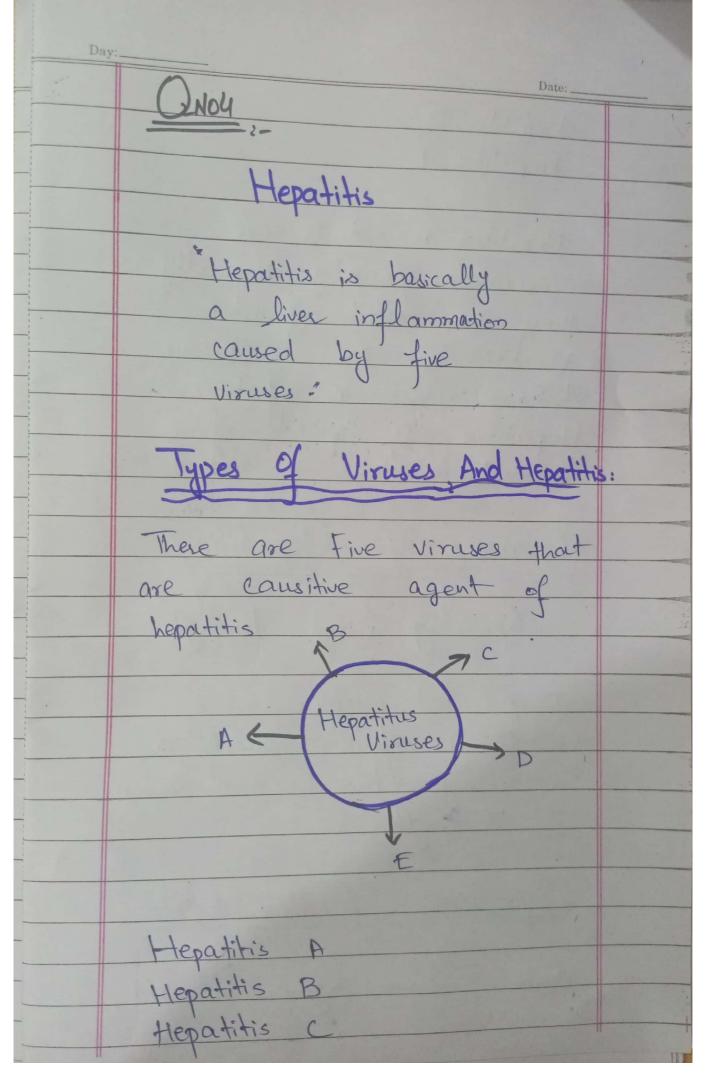
system for the disposal

of waste materials should

The followed. Wireless Communication and Catelling Wixeless communication system is in which information or data
is collected without touching it physically.

Day:	Date
	Wireless communication system is
	based on catching radio waves
	through anternas and towers.
	Examples of this wireless
	communication systems are
	I Mobile Phones
	I Internet:
	The Television and Radio broadcast
	These are connecting us throughout
	the world without any
	wire system making the world
	a global village. Mis
	Wireless system operates
	through satellites.
	Working of Satellite.
	A satellite is any object
	A satellife is any object revolving around the earth. Moon is the natural satellife
	Man is the natival entellite
	of I around the
	of earth moving around the learth - completes its rotation
	earth _ completes ets rotation
	in twenty four hours.

There are three major types of satellifes. I Low earth Orbits - revolving at the hieght of less than Rookm above the earth surface I Middle earth Orbits - revolving between 2000 - 32 oookin above earth surface. For enemple radio and television gatellites. I High Earth Orbits - revolving above 32000km from earth surface they are mainly called geo-stationary satellites. 32000 km okm Earth Working units of satellites: Observing unit in vaccum II operating unit (operating systems) consumer unit (mobiles, computer



Date: Hepatitis D Hepatits E Hepatitis A and B are recoverable easily. Normally they are called Jaurdice. Heptitis C is a chronic disease which is infectious Hepatitis D spreads from polluted water Causes Of Hepatitis: Spreading virus through I polluted water I Body fluids such as saliva, blood and semen Through air. ymptoms of Hepatitis, Some common symptoms are;

Day:	
I Fever	
I Fortigue	
Tody pain	
I vomit and nausea	
T No Plansing of augus and	
The sellowing of eyes and	
Respiratory issues.	
Lowering of Haemoglobin. Devel	
Drevention Measures:	
On eland I llaw letters	
One should follow following	
preventive méasures;	
T. Dib class laselful mater	
I Drink clean healthy water	
The properties bland traveling	
I Carefull blood transfusion and sexuall relations.	
wa sexual relations.	
I Aloofness from the patien	
Healthy eating.	

Day:	
B: Food Preservation	
Techniques used to	
increase the shelf	
life of food items	
life of food items are collectively	
called food	
preservations."	
This method was introduced	
by Louis Pasteur. He boiled	
the milk and increased its	
shelf life by destroying	
bacteria and gerns in it.	
	1000
Some common	
Jave : preservation techniques	
Some common food preservation techniques gre;	1
T Parteuxization.	
This Lockmanne	
I Pasteurization: This technique is mostly used to make milk germ free. At first	
milk germ free At first	

milk is boiled at high temperature and then for 15 minutes below 42° c to kill all the germs Most usefu ood preservation technique I and packed in air tight tal or glass containers keep it germ free Tu Salting: commonly used in ancies spread in surlight the evaporated and salt makes it germ-free for long time.

Use of Acetic Acids and benzoic acid: and benjoic acids are frequentle used to preserve vegetable For example prekles - different vegetables are soaked in. vinegar-acetic acid to preserve it and mainting its Freshness and shelf life V Refrigeration, Now, a day technique is Irefrigeration. All the food etems For example; fruits, milks, are réfrigerated. Low temperature germs and bareteria.

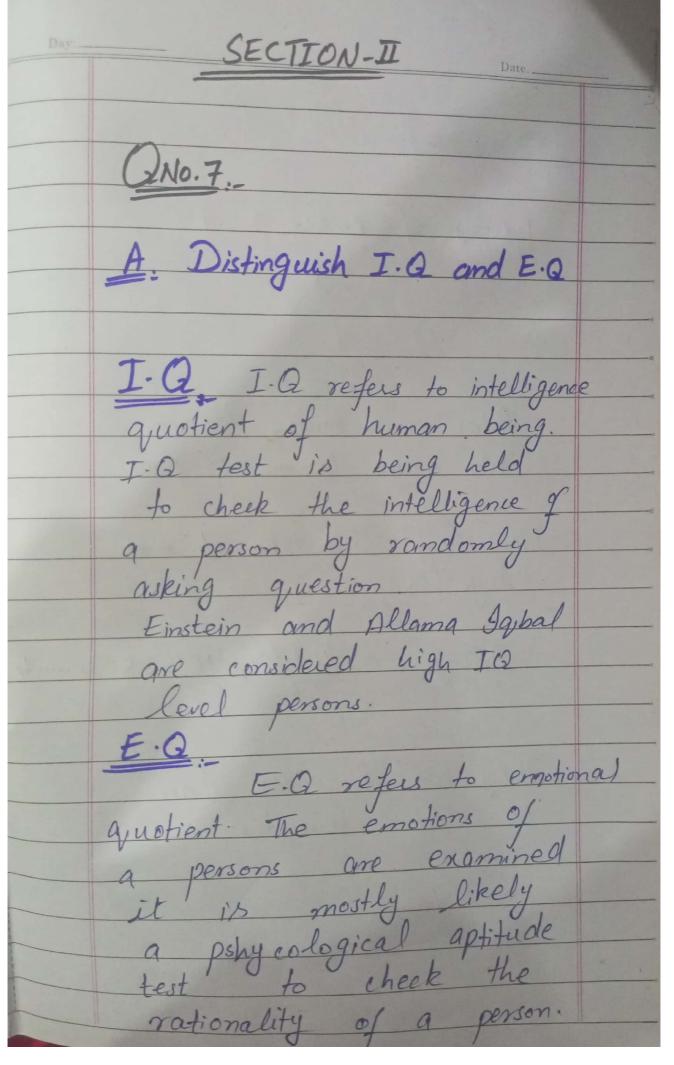
Day: Date	
C:	
Fertilizers	
"Festilizers are the	
materials used to	
increase the nutrients	
better crops production.	
- Coops production:	
Falilian and word in 11	
Fertilizers are used in the	
fields since primitive times to	
increase the feetility of	
soil and production of crops.	
Main Ingredients Of Fertilizers:	
Three major ingredients of fertilizees are	
de d'élisses are	174
Jernargers wie	
I Nitrogen (N)	
I Potassium (x)	
III Phosphorus (P)	
	Bar and

Types of Fertilizers: two major types of festilizers. I Organic Fertilizers natural festilizers and the oldest type of festilizer since man evolution on earth. Organic fertilizers are; I Animal Dunk I Manure I Organic ashes Tomposte. I In-organic Fertilizers These fertilizees are syntheticprepared in lab. They are used according to deficiency of nutrient in the soil.

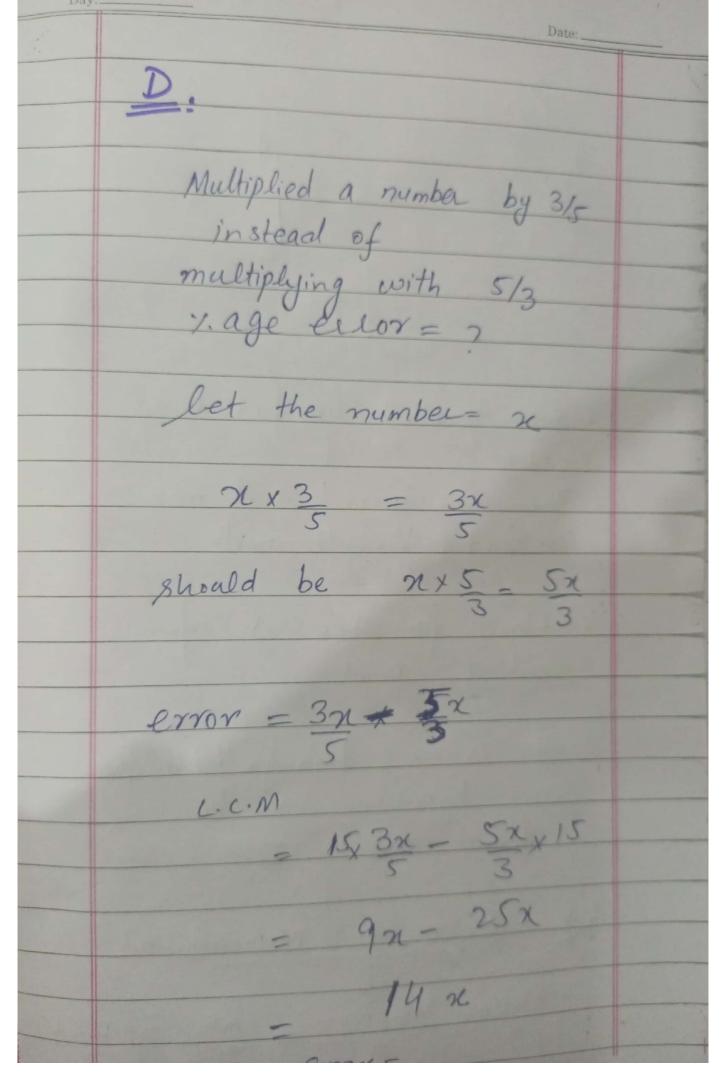
They are soluble in water and immediately quailable to plant for absorption

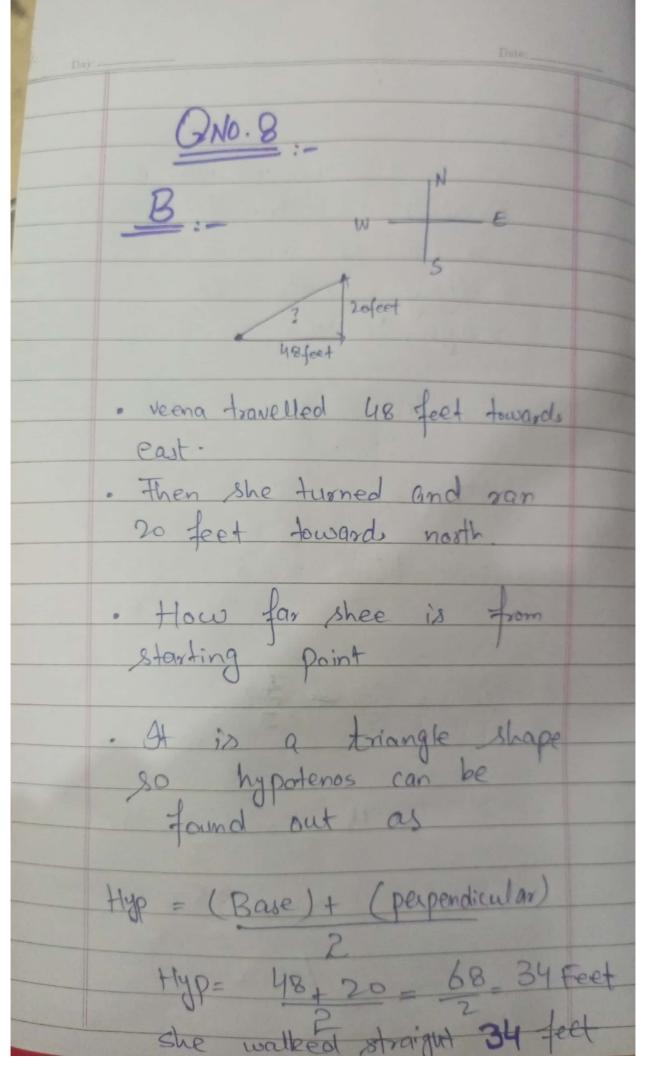
Some in-organic Fertilizers are; I Urea DAP I Calcium phosphate Potassium salts. Tuman Tooth There are 32 teeths present in the oral cavity of humans working for food digestion. Anatomy of Human Tooth: - Enamel Mental Human

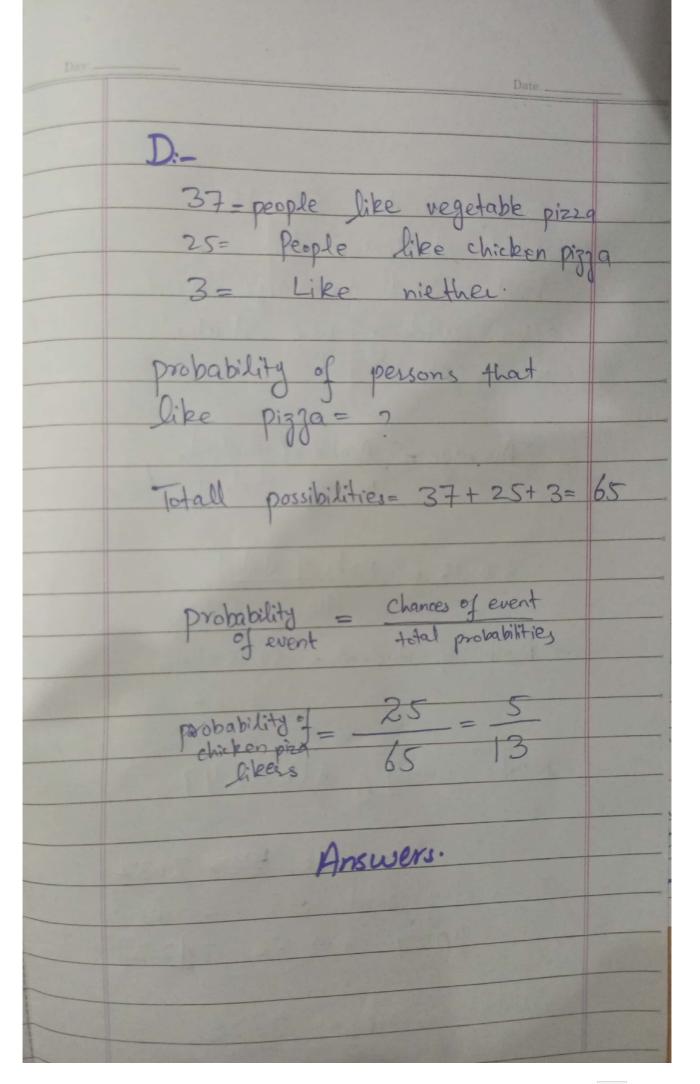
Day:	
These are the major parts	
of teeth.	
I Enamel - The outermost layer	
which protects the inner	
sensitive part of the earth teeth.	
I Martle - The inner sensitive	1
part of teeth is ealled	
mantle. It is connected to	
circulatory system through	-
blood capillaries and also	
newes.	



Peter mows lawn - 40 mins. John mows Lawn = 60 mins. How long will it take to mow together. Average = 40+60_100 50 minutes They will mow the lawn in 50 minutes.







· Day:	
Date:	
Average marks = 52.15	
Total students= 40	
Find correct average marks	
after adding one students marks.	7.33.3
Average Total Marks of students	
Average Total Marks of students No. of students	
52.15 Marks of students 40	
1. 40	
Total Marks of students = 52.15 x 40=	
2086	
Marks wrongly added = 49	
50	
2086-49= 13 2037	
Correctly add 85 marks	
Correctly add 85 marks 2037 + 85= 2122	
Total marks = 2422 Total students = 40	
Total students = 40	
10+11	Side Principle

Day:		,
18	Date:	
	Average = Total marks Total students	
	Average = 2122 [53.05]	
	<u>+</u> :-	
	class room 60% of length	
	15#	
	Length of room= 15ft	
	Width = 60% of length	
	60 x 15= 9 ft	
	Area of room= Length x Width = 15tt x 9ft = 135ft^2	