Q.4 a) Hepatitis? Definition: inflammation The bacterial vival lover ( aus ed consin pton of alcohol or other called. smoking PS. en d he apatitis. Hepatitis: Classification of Hepatitis following are classified into. contegories Hepatitis By Implains of Hepatitis: Symptoms hepatitis includes; Yellowing (1) Swallowing (U) Hausea (10) Vomiting (Vi) Weak immune System (V) Difficulty Breathing , Vi Yever High (VU) Jaundice W

DATE . \_ Hepatitis: Causes The hepatitis of causes follows; Raw Food Use (i) When people -fish 28 the -food such we raw people to trans mitted virus from. -tood. Infected Pason Contact (0) With The intected with. Sexual · contact Virus into pesson \* to ansless Hepalindersq other of Infected Razors Use (iii) The use without Sterlization RIZONS another cause of hepatitis. Consumption Alcohol The consump alcohol le ada to entlammation lives: Smoking (V) The pattern 0 xcess Smo King causes he apatitis. Conditions Unhygienic The Unhy a ienic conditions lead to hepatitis such avoidance of washing hards after washroom. use of

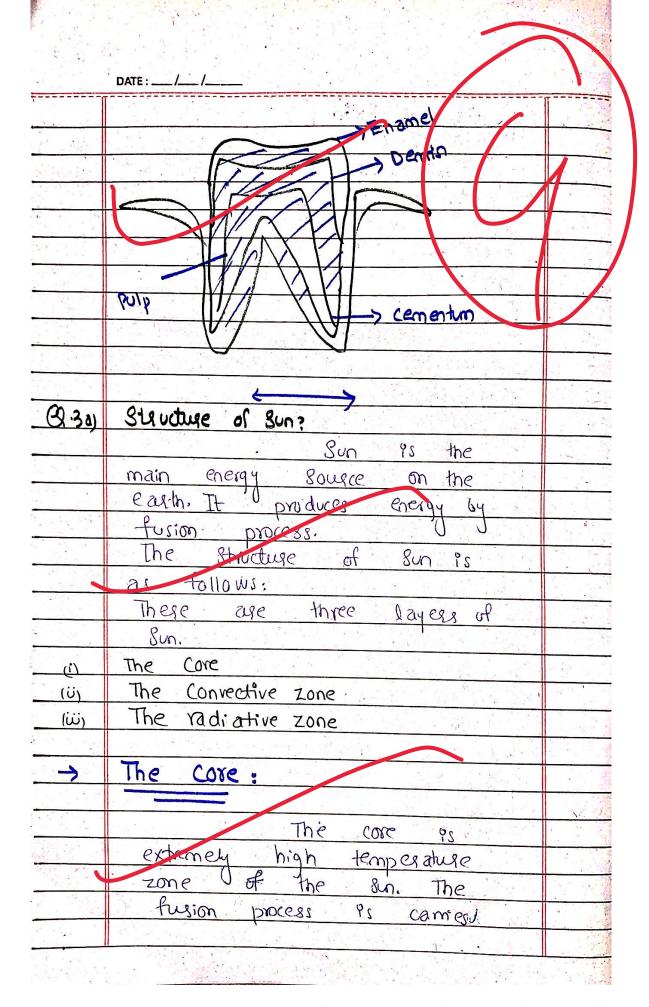
Prevention of Hepat	<del>'</del>
	Following 200
ways to prevent	
Tuco of Cooker Food	
(i) Ose of cooling tood	One way to
prevent hepatitis es u	use of cooked tood.
(i) Avoid Smoking	
To	prevent hepatitis
one should avoid	
drinking alcohol	
(ii) vaccination	
These	are now vacche
avertable to pr	event hepatitis.
in Preventive measure	While Making Contact
	one
should take preven-	rive measures whil
making physical contr	ad with person.
(y) Use of Steolized	Equipments
	To
7. (2.5)	hould use
steplized equipm	ents such as
hepatitis.	4 (109) 4 01
nepair 113,	$\rightarrow$
(6) Methods of Foo	d Preservation?
	eservations methods.
age used from	long him
to store food	. Editioning age
method.	in the second se

DATE: \_\_\_/\_\_/\_ Drying: method ancient to 25 Drying food. this method. preserve dry food becomes via sunlight move witer heading OY content in to avoid spoilage. Apricots Canning: Anothes food reservation Ps. canning. method canning stored food 29 containers That exed age enter into con Fermentation: رنتا Fermentation wedely food preservation used method which milk in converted 40gust. The into baderia in food fermentation. orused erg yeast (PV) Salting 29 nother me-thod preserve food. to does The food HISZ 9 not let virus. an d grow bacterial ... to spoon! food, which sim Dehydration: (V) Dehydration involves Water removal of moistuge food from heating

tood bacteria prevent heating viruges. 195 done by sin light Featilizers? Definition: FeotPlizes compands ase soil that added . into efficiency soil for enhance productivity Fertilizers ase rich in mainly of nitrogen, which are pottasium phosphorus and required 10 the 80°1 - fax productivity Fertilizers: Following fertilizers: ase types Festilizer fertilizes Direct festilizes those age Which directly into added they enhance efficiency of soil. U eig Phosphate Indirect . Fexhlizer · (Ü) Indirect feetilizes age those feetilizes Which the efficency enhance enhaicing

<del></del>	DATE/_/	<u></u>
<u> </u>	in a resoft.	
	e:9 dolorate	1.
<u>(ü)</u>	Mixed Festilize	
	Mixed fostilizee	1.00
	zue mose ferfiliters which contains	. U
	mixed basic components is illight	į,
	such as nothogen, pottousium or	. 0
4.4	phosphorus.	
(1°V)	Incomplete Fertilizer	
7.	Incomplete	
- 1	festilizers are those festilizer	
	which contains not all required	
	components for soil efficiency.	
	O Company	
(V)	Complete Fertilizes	tigara A
	Complete	43
A - A - A	feetilizes are those fertilizer	
	Which consists of all required	37.0
	components.	
IN.	J. O. Far	
(Vi)	Micgo Fertilizes	
3	are required in ven small	
	311100	
	proper functioning of he soil	
	proper functioning of is soil.	
27/1-14		
k		
		-

d)	Anatomy of Toolth?	
	0	
3.30	Tooth are the change studie	S. January
iol .	of mouth that helps in Chewing	
	and teaming food. The	4
	structure of tooth Ps as	
<i>3</i> /.3	follows:	
(i)	Enamel:	
	Enamel : the outermost	
是这	covering of tooth. It is hard	
	and whiting in colour. It helps	
	in chewing of food. It also will	(2) 23
Sales de	protects inner layers from bacteria.	
(0)	Den-tin:	
(	Dentin is present below	
	the enzamel. It is hard	
	mineral materia as human	
	bané.	· · · · · · · · · · · · · · · · · · ·
<u>(m)</u>	Pulp:	
	Pulp is the cavity	1.
	present behind dentin. It	
	provides nourishment to the	
	teeth as it contains	
des .	blood ressels. It senses	
76.76	temperatuse.	
(PV)	Cementum:	A A
	Cementum is present	100
	beneath poly and it helps	
	teeth to anchor with roots.	
		AND THE STATE OF T



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	DATE:/	
	The Radiative zone	
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3.4	Pominance	
	Pom"	
		1 - 1
	The convective The core	
	The convective The con-	
	<b>2011C</b>	
Y Y Y		
6)	Twansmi?	
	Definition:	
		4.5
	Tsunzmi is a	
	natural disaster that caused	
	natural desaster that caused due to underwater volcenic	
	natural desaster that caused due to underwater volcenic activity. Tsunami es a	
	natural disaster that caused due to underwater volcenic activity. Tsunami 95 a void derived from Japanese	
	natural desaster that caused due to underwater volcenic activity. Tsunami es a	
	Tsunzmi is a  nartural disaster that caused  due to underwater volcenic  activity. Tsunzmi is a  void derived from Japanese  Iznguage which means lauge harbor wave,  Tsunzmi is a lauge wave	
	natural disaster that caused due to underwater volcenic activity. Tsunami 9s a word derived from Japanese Iznguage which means large harbor wave.  Tsunami is a large wave	
	natural disaster that caused due to underwater volcenic activity. Tsunami 9s a word derived from Japamese Iznguage which means Izuge havior wave,  Tsunami is a large wave that move from sea body to sea shore in a speed of	
	natural disaster that caused due to underwater volcenic activity. Tsunami 9s a word derived from Japanese Iznguage which means lauge harbor wave.  Tsunami is a lauge wave that move from sea body to sea shore in a speed of Tookmon from caest to	
	natural desaster that caused due to underwater volcenic activity. Tsunami es a vocanical derived from Japanese language which means lange harbor wave.  Tsunami is a large wave that move from sea body to sea shore in a speed of	
	natural disaster that caused due to underwater volcenic activity. Tsunami 9s a word derived from Japanese Iznguage which means lauge harbor wave.  Tsunami is a lauge wave that move from sea body to sea shore in a speed of Tookmon from caest to	
	natural disaster that caused due to underwater volcenic activity. Tsunami 9s a word derived from Japanese Iznguage which means lauge harbor wave.  Tsunami is a lauge wave that move from sea body to sea shore in a speed of Tookmon from caest to	

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HOW Tsunami 2.9 Generated: Tsunzmi generated fallowing factors Volcanic Activity (1) The indequates volcanic activity leads 10 Tsunami. movement tectonic Causes rochwater Wodgrottorimove, piates (0) Nuclean Explosion nuclear undervates explosion auses displacement anger volume water () (ean? c Coments (iii) occenic also coments generate tsunami. displace. they 000 body Londslide (PV) The Submerge landslide into weder the of water Cruyes desplacement bodies. Burst of Dams (V) The bursts Cause dams movement water 64 Shaking

DATE: \_ Recent Tsunamis: Following secent tronsmis 10 the Pactic Hung-Tung-2022 in ocean (1) sumadra' Indionegia 2100) · Tsuram; in (1) (2) Tsunzmin in - May - 2024 (3) Supar Environmental Pollution? () Definition: Environmental pollution Ps define ramful as any pollutants object or thal . are determental environment the age environmental pollution. called pollution d can be inde Environ mental following types. Mater pollutents Air pollutants 6) Soil pollworts 0 Sources of Environmental Pollution: These ese two · sousces environmental 0 pollution. Primary source The pollutous direction mat comes from source. the pipe

DATE: \_\_/\_/\_ Secondary Sources The pollutants from the comes Drimary with react source and atmospheric e.a Ozone Impacts of Harmful Environmental Pollution: Following harmful impacts environmental pollution Spoi lage (i°) Water sources The SIVI mm pollution spoilage of causes ental souges. with it. miting Leads to Pollation Air (U) Environmental arr pollution pollution leads to which to respiratory are damage Lands (iii) The pollution Izad OPE Prips ms b cuttivated lands Deteriorating Health Effects (PV) The: environmental pollution leade deteriorating health effects for human such as lamaging of respiratory weak impline

Sm00 Formation of environmen to leads pollution -tal formation The Smog. react smoke to gases with reduce ability MSibility the Measures to cues: Following few measuses to ase cuigh pollution. environmental method 10 errivon mental pollution cus 6 involves 29 recycling. mederials. 1 CU Sing used (ii) Reasing Sustainable 29 environmental approach pollation materials. Y. Cusing Filteration Industrial Drain (iii) These should. 60 mechanism of tilteration of industrial draing to avoid wide polludion 2nd Pollution There Should dimping land.

garage.

avoid

Composite

The

apen ...

Should

dumping

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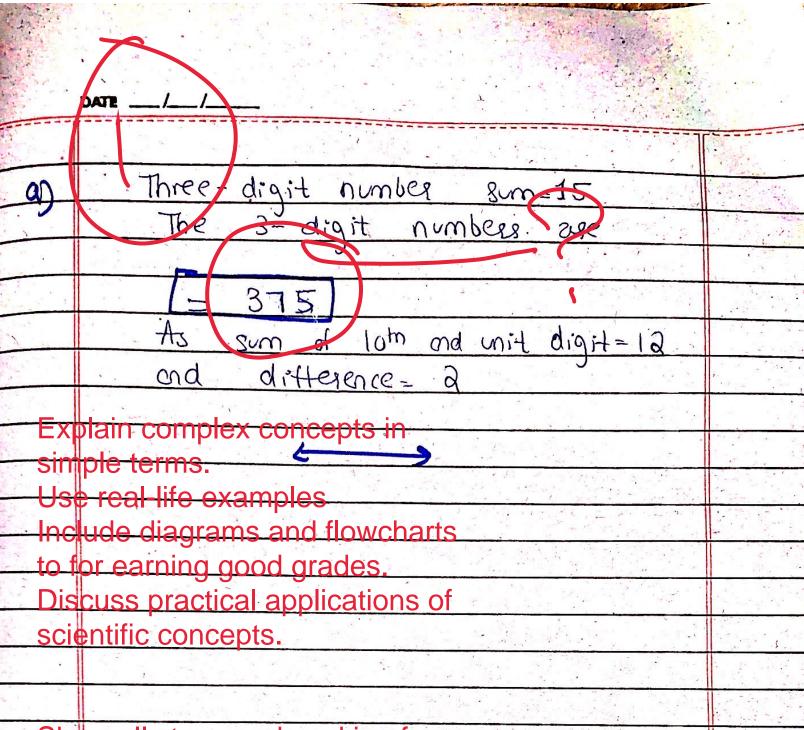
technique.

used to

, DAT	re//	
V)	Usage of Quality Free	
	To avoid	
	air pollution, the quality should	
	be used in transportation	
	Sector.	
(vi)	Plantation Driver	
	There is a.	
	need of plantation drives to	
	emance green space. It will	
	help in curbing environmental	
	-pollution.	
1	Satellite?	
<u>a)</u>	2 grown ?	- 13- Y
	Whreless Communication:	
7	Wireless	(A)
	communication 98 a gisten	
	of communication in which	
	there is no phyrical contact	Sprin
	of source and receiver.	
	The commication is	
	carried out by signals.	
	e.g Mobile phones.	No.
5,23	There is a tower which	
	receive and send signals	
	between receiver and sender	100 m
	via modulation technique.	102

sender Receiver wogniation Lower Morking Satellites: Sztellites patural marmade 0 objects that orbits around earth. The the Satellites send to the atmosphielessis age on rocket. The orbit. around the writ revolve the help of certifical Parce which is balanced the gravitational pull. Teagth. the Satellite sends singals the earth. Here, to It calculates the time when it when it receives the signals to measure exact position Setellite.

	Past - II resident designi	
2.6		. 61
(C)	Solution:	1.15
	The dismeter of circle-6cm	7 . 2
	Cirumtegence =?	
	Arez of Circle=?	
	to we know that,	
	C= ATY	
	where redis	
3	radius Ps. Half of the diameter	
	of Circle	
	So	
,	C = 2 + 22 + 3	- ( )
,	C= 18.84 cm	
	(= 10°0 + Cm)	1/4
	To find aged of circle,	- 201 N
	$A = \pi \delta^2$	
	A = 3.14 + (8) 2	- 111
	$A = 314 \times 9$	1
	$\pi = 28.2 \text{cm}$	( ( ) ( )
11.6		4
V	(	118
d)	Identity the missing?	· (v.C)
(i)	13, 24, 46, 90, 198 282	
	5 A 9 14 21 Ba	



Show all steps and working for calculations.

Use diagrams and graphs to illustrate concepts.

Carefully understand the question and with CamScanner