DAY:	
Follow a step-by-step method to break down complex problems into manageable parts.	
Provide comprehensive answers by giving clear, concise, and detailed explanations.	
Keep length of the all questions same. Work on time management	
(a) Brierly enplain lipids. What	
are some major types 7 What	
are their functions?	
Lipids 8-	
Lipids are naturally occuring	
Organic Compounds having oils	
and fats. Lipids are present	
in micro-organisms, animals ano	1
plants. Lipids provide 9.1 kcal. of	
energy per gram.	
Basid unit of Lipids 8-	
Triglyceride is the basic unit	
or liquid in which it is present	
in food and animals booky.	
Triglyceride -> Glycerol +3 Fatty acid	
О Н	
MV-C-0-C-H	
O H	
V/V-C-O-C-H	
· · · · · · · · · · · · · · · · · · ·	
Structure of Instruction	

DATE:
Another important lipid is
1110110
Phospholipiol.
Grand Forther quirt t
Phospholipid -> Glycerol + Faithy acid +
Phaphonic acidt Alcohol
Common phospholipid is lecithin.
Types of lipids 8.
yes of suplois
Lipids
Cotunted Lividia Vinsaturated
January Lillians
Translipids.
(a) Saturaled Facts :
These are
Solid out room temperature like
animal fats.
Common Enamples.
Anima butter
Mougaine
Cheese.
Milk

DATE:. DAY:__ have saturated fats. Bakery products like cookies snacks are ma have soutwasted Visadvantage 6-By earling too much feet the level Saturated Cholestew in body and Oliseares may course liver Latty liver. (b) (Insaturated Fats 8. These are liquid at noom temperature like a Plant Oils. Unsaturated Facts are good for health. (Unsaturated Foots Polyunsaturated Monounsetweder Monounsaturated Forts: entracted Fats like Soyabean oils plant. from candow and nuts

DAY:_ DATE:___ have monounsaturated Avacado fat. Advantage 6eating movum saturated Terel of bood Cholestenil decreases and the level cholesterol MDL will 1000 0.0 increases. 9t is useful for health. Bytaking monounsaturaled Visadrantage: taking only unsaturate cut touck to saturated. at and not A. will reduce cholestens Olyunsaturated Fait 3. Fats entracting Seshan Oil Sunflower and Polyunsortuated reduce Cholestrol

DATE:_ DAY:_____ in booky. Common types: Omega-3 Tons Forts 6-These hydrogenation produced. process. Actually it increases the Shelf life of fats and make hourdened out noom temperature. Enample 6-Cookies Salard dressings Snacks Hydrogenated Food Processed Food frans fauts. marde from much eating 400 tours Cholesters! will raise tunctions functions many Mari Do dy some. ollows B-

DATE: DAT Olipids are storage compounds 3-Dipids store in body and provide energy to body on need. Cipiels are common storage of fat soluble vitamins lilée (2) ripids as Insulation 8-Lipids Cover myelin which help in travelling of neme impulse. (3) Lipids relpin metablism 8. Some nomoner like mostaglandin and steriod are liptide in nouture which help in netabolism. (4) Lipids pout of enzymen Some enze lipichs our pout of enzymes which help in Cartalyzantion a process. Form Structure in Booky: Phospholipids are structura compounds of cell membrane in plants.

DATE				DAY:	
(6)	Protection	of body o			
	at layer	in bool	1.00	in	
Orga	ans protect	ion like	icidene	ys	
i	d heart				
	Regulation (of Tempus	tue		
Fa		The second secon	t below	booly.	
sk	in layer	this	relp i	n	
book	y's tempor	ature	regulation		
	Fish 8-	Brown	Fort layer	1,2	
Pre	esent wh	ich prote	et them	from	
	old: even				
(b)	Enlist a	Cew m	easures f	-or	
	my con			43	
	tainable				
	neny c				
Co			means	the	
	.00	ergy in	sustainable	way	
an	n to	conserve	it for	ow	
£	uture	renerations	>>		
En		onservation		e	
101	SDGS	which	cure to	be	
n	ret till	2030's.			

DATE:. DAY: Both are dangerous as they damage atmosphere and consume more every too. (3) Use alternate Cooking methods &-Cooking methods must be modified on in Past homehold coolding war dependent on fossil fuels which polluted the atmosphere. But with advantement of technology, people oire any electric Ketter, electric Stooner to cook food. Though it Sover envionment from pollution but Consume more energy. So, final alternate way of cooking like solar pressure cookers. (4) Use energy-efficient appliances s-Our bool building codes and energy efficiency. Standards appliances sold on Consumer. montet are not class and must be wently pomote energy renise of to

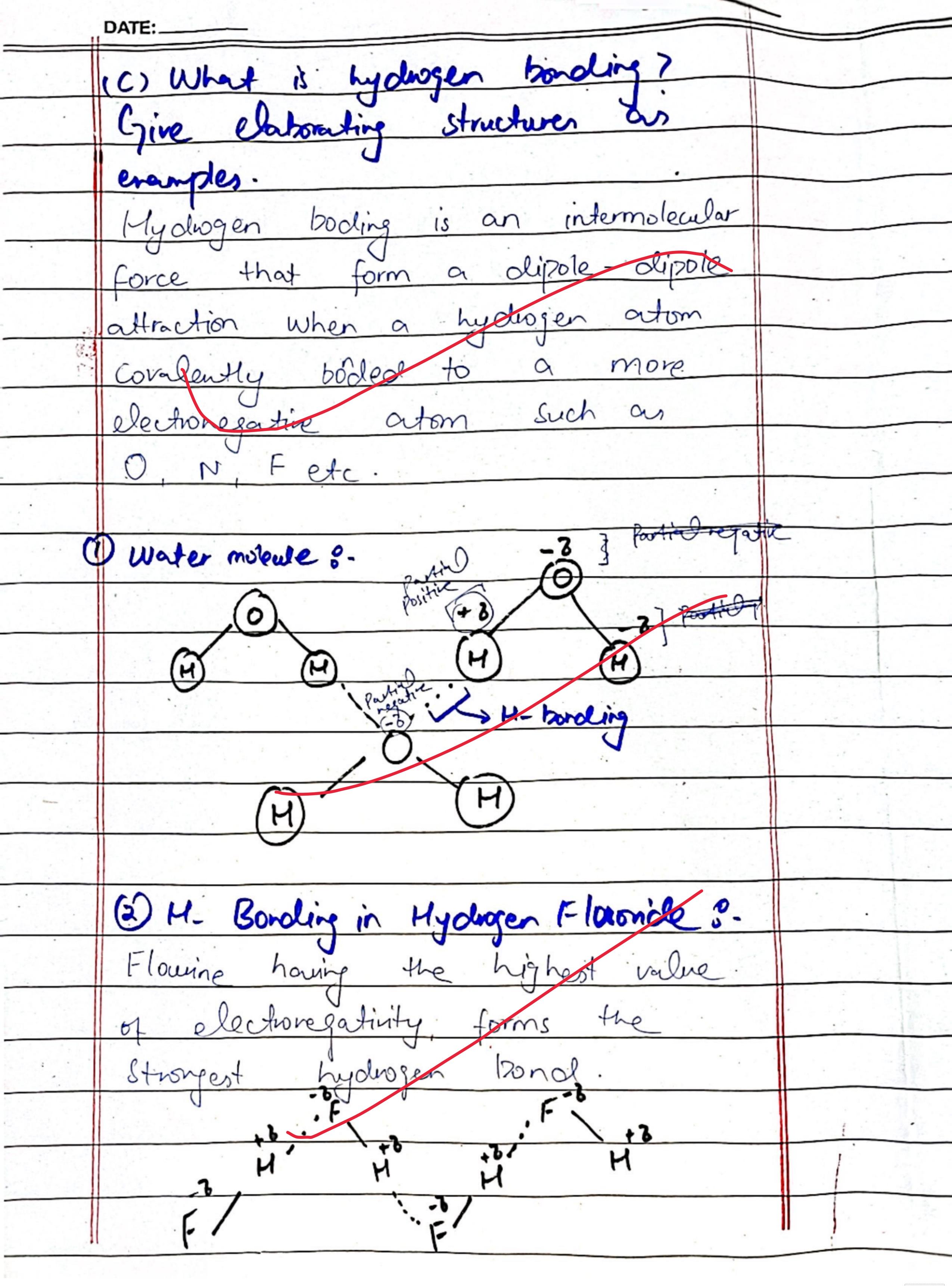
Conservation.

household trous ks ATE DATE: washings manually 8. like Household Lasks done manually can be using of clother instead For enample drier machine and manually worshing wash clothes them in sunlight to machine Conserve energy. 6-Replace incardement bulbs with LED: must balbs The incardescent be replaced with LED lights to some energy on the renimal hon started but it need more comprehensive approach to accomplish the task. Connect noof-top with ballerier: 3wof. connected with and Anid Station Sunset

DAY:_ 8- General auweren to public about peak and non-peak tarniffs 8-Peak tamifs -> 9+ 15 time out which energy consumption manimum because demond energy is high. In Des. Winter it ranges from 5- 9pm. 9n Summer it ranges from 7-12pm. Non- peak termisse. 9t is time out of removining day, when every demand and consumption both are less. 9t is a best way to safe electricity bills. Measures for sustainable moye energy 3sustainable usage of energy We Should more towards nonrenewable energy sources. Conserve energy for our future generation: -

DAY:___ DATE:_ Solar Sustainble mye OF every Bioman energy For sustainable maye of energy, the Current energy generating mechanisms should be shift to Solar energy 5-Full fill energy requirements though Sunlight. It is eternal source of energy till the last Day. Advantage: 1-94 emits no pollution in atmosphere water Fall from 200 duceo ams

DAY:____ DATE:____ it release energy, which is used to nun turbiner and hence electricity is generated. This is renewable method and even free of cost to produce energy. wind With wind these turbiner more and en generale electricity this one of the measure for sustainable · enery Biomains 6production Energy trom like. burning Domein



DAY: ___ Mychogen Bonding ir Ammonia:-9t contains highly electronegative outom nitrogen linked to hydrogen automs. Properties of hydrogen Bording 3. Solubility 8-Lower alcohol, we soluble in water became of the Bonding between wowler and alcohol. 5 in H- Booking water houring 14- Bonoling have high whatility Doint than those who have no H- bonding

Viscosity and Surface Tennisn? compounds having H-bonding have more suiface tennion it is difficult to move as compared to other compounds. Which do not have bonoling. The density of molecules having H-: bonding is high. Let us compared density of ice and water. Ice floats on the surface of worter because it has less density than water. (d) Discuss the nenous structure of human Booky 6. System Nervous Centron Nemour System

DATE:_ DAY:____ Human Brain :-Human Brain Consists three Parts 8-Forebrown Hindbrain B Mid brain Forebrown Cerebrum cerebra conten cerebra remisprere Telencephalon Thalamus Diencephalon Hypothalamus Pineal gland Pituaty gland midbrain Optic tectum pons Hind brown cerebrum medulla obborgata Entenier end Cerebrum 8-9t is estimated into two hemispheres Called carebral hemispheres. The. outermost part à called cerebral conten.

=

DATE: It is used in wither and spoken. forms in humans. The Dames 8clays all senony information to higher brain center. Hypstulams :radate body temperature device hunger and · Serva Pinear gland It controls body rythans Pitnarkony gbud It secretes homones Mindbraun It has furctions in touch and heaving medulla Obbanels It is helpful in breathing swallowing Cerchellum linked with limbic movement Pons is a bridge that connect cerebrum. cerebellum with

corpusation DATE: DAY:_ Thalames skull - Cerebrum my pother com Primary Cerebellum michbrin Pons vertebra medula Muman Brayer Eunctions 3. with all 1. 94 connect brain Parts of body spine refler action. Controls gosssection has following parts: (1) Neural caral: Drescut Cerebrospinal fluid.

DATE:			DAY:	
a. Gra	y maller	3-		
	sonists of a		and	
		tot reflerer	in	
	Cord.			
3. Wh	te montler			
94	a nons au	corered	with	
		eath that		
i\frac{1}{2}	called	white m	Her.	
4 me	riger B.			
The	ayers of	rotective n	rembranes	
Called	møninger.			
		CDing O	and	
	5	Spires		
			ratter	
			moder	
			nemes	
			eninges	
		Jan Cyo	anglism.	
	A			
1	15	Verlebr	<i>~</i>	
	Vino Cero	of Humans		

DAY: DATE:. Periphenn Nurvous System 3-Cranial Consists of paired nerver and spinal nerves. here are three types of nemes 3-Nerres motor Mined Sengory Never Nerves contain Contain contain only only motor never serroy and Sowson amous motor anons e.7 Vagus e goptic neuron nerven 12 no.4 (a) What is hepatitis? Emplain Courses, symptoms Drewtion. Mepatitis : he partitis liver is called 1 year of Heyartitis: their causes hepartitis Symptoms and presention vary

DAY: _ DATE: to me type of hepartitis. according Prevention Hepatitis Symptoms types Vaccination is Vomiting contaminated Hepatitis A Diamboa water, Food available Use safe water, Poor sanitation yellowing of skin and Food and Contact with eyes infectious improved Emilation person contact with Vomiting Vaccination Heputitis B 61000l of is available Dianhoa infected person barry fluid Bed restfor Yellowing confaminated. Patients. of skin food and water Avoid Cortact From mother with codaminated to child. Syngerer blood. Hepatitis · bleeding from Merzititis Antinira drug therapier body parts are available unsafe injection livedress Practices Yellowing of NO Proper inadequate voccintion skin sterilization of is available medical equi. 945 end transfusion of stage is unscreened cino sis blood liver fram-Plant

DAY:_

DATE: 6- Smoke 6 smoke con Pronoling Meat by be Preserved from Spoilage. In Part this technique was efficiently wed. Prezentin Smoke >> Formolehyole + Mest of Food Chemicals 8. Chemicals like Sodium benzonde can be added soft drinks and acideic foods inhibit the growth of micro-organisms. Supphur obinicle Control the browning of fruits and regetables. Campol by entymes. B- Replications ? Radiation like x-rays ultraviolet nicrowaves, ioniting radiations Spoil foods like rejetables

	DATE:		
	(C) Enplain Fertilizers. What are		
	their types.		
	Fertilizen 8-		
	Fertilizers are organic		
	Or inorganic compounds which		-00
	are naturally occurring or synthetic		
	in nature houring certain nutrients		
	and apply to soil or plants		
	For to fullfill their nutrient		
	requirements.	•	
	Types of nutrients 3-		
	There are two types of		
	nutrients?		
	Nutrients		
	micro-nutrients. Macro-nutrients		
	which are required in which are required		
	Small amount in large amount		
	e.g Copper, Zinc,		•
	9 von, Cobalt, Primary Secondary		
	managanese NPN Ca, mg, S		
4.			

DA	TE:	
	Classification of Fertilizers on	
	the basis of their mode of application	
	on soils-	
	The classification is an follows &	
	ODirect Fertiliters 8.	
	These fertilizers are directly given	
	to soil to fullfill its nutrient	
	required. These are mineral salts	
	Enamples	
	Super phosphate.	
	Nitrate	
	(2) Indirect Fertilizers 8.	
	Fertilizers which are applied	
	to soil to increase biological.	
	activities mechanical and chemical	
	resiliance.	
	Enample 3-	
	Limestone Caco to reduce acidity	
	Gygsum -> to improve the	
	Properties of soil having high sout	
	Content.	

DATE: Enoumple: When urea is added sigle superphosphale and potash it becomes mined testilizer. (6) Micro Certilizer 3-There Certilizers have type of nutrients and soil. Zinc. Copper fertilizer. Enougle 8-Lypes of Fertilizen on the hours of nutrient supplied 6-Festilizers Types Phosphatic Potousic Nitrogeraus Fertilizers Fertilizers Fedilizen which supply Phosphorous nutrojen tosoil ofgnium to to soil suphate of e.g Single: Pe.9 Potash e.9 Orea superphosphaile Hmmmium Muriale of Triple superphosphate Pstash -> They Contain Soluble
phosphorus that plants - help plant to grow property and refoundeep can easily absorb. arean colait.

DAY: ___ Sulpharle of Polash 3 Great Certitizer apply gardens before and after To improve fruit touste To improve flower colours. Munade of Blash 3 contai also catted. Potassium. and sugars. (d) what is the anatomy human tooth? teeth. Primary teeth Secondary teeth rodulthood) childhood budy teeth Teeth types 6-9ncisons Carines Premolais Molais

	DAY:
	Ename 0 09t is housest fout
	of teeth.
	Dontine Dontine Dontine
	Dentine Dentine Sinorganic and below erane Ton-living part
	(2) absorb prenul of
	Course the
	micro-Giber are micro-Giber are micro-Giber are tissue containing
	tissue containing rever and blood revels
	that nurish the tooth
	Commentum 99+ is most internal shucture of tooth
	9t covers dentine
	9t is attached to
	bore of Jaw with
	little clastic fiber
	Anntony of human
	teeth
	Section - II
	(C) Solution:
•	Diameter of circle = 6cm
	Circumference = 7
	area = 7
	2314
	Circumference of circle = Td
	= 3.14 x.6 18.84
	· c = [18.84 cm.]
•	

DATE:		
Area of circle = Tr	2	
$a_{1} = d$		
2		
d = 2r		
_ 3.14 x	d	
	2	
3.14 x	6;	
	2.	
- 3.14x	36	-
	28.26	
A = 28.26	5 cm²	
(d) Identify the	missing &	
(i) 13 24. 46.°	10 178 ··· 354	
	178	
111 22 44	+88 +17-6	
So, the missing n	354	
G 9 14 =	3130	-
		- Commence
+1 +3 +5 +7	+9	Chambio or
So, the missing n	10. is 30.	A Section
		į.

	DAY:	
(0)		
Sum of 3	- digit no. is 15	
Sum of lo	and unit digit is 12	
oliff. of u	unit digit from loth is 2	
What is	three digit no. = ?	
087 (a) D	istinguish I:Q and E.Q	
T.O.	E.Q	
J. a. measure	est refers to emotioner.	
intectual still		
·like working mer		
A malytical thin		
knowledge reten		
I. Q Calculations		
7.Q = mental apo	e x 100 others.	
Chronologica	age est enable humans	
e-9 A Person manta	Oage to widentify biases.	
is 12 and he	is To coup with energing	
10 years old, 4	is technologies.	
calculated as	F.Q enable persons.	
$I \cdot Q = 12 x$	100 to think beyound bon.	
10	· Emotional intelligence	
J-Q = 120	enhance over time.	