## GET ADMISSION IN OUR ONLINE INSTITUTE SOCH BADLO BY MAK

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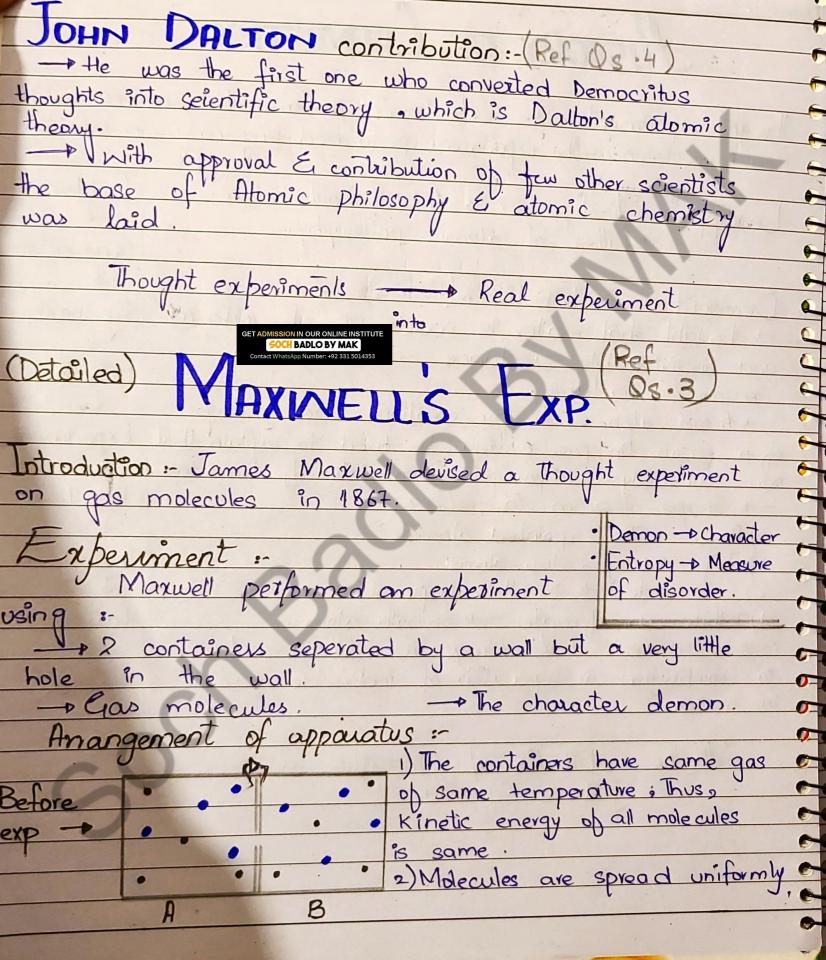
The word atom comes from Greek language which means				e which means	
		A.	beautiful	B.	indivisible
		C.	smooth	D.	sharp
ii.		Leu	o was the first to use the	mentor of Der word atom?	mocritus and the father of atomic philosophy.
		A.	Leucippus	В.	James Clerk Maxwell
		C	Democritus	D.	Erwin Schrodinger
iii.		Who	put forward the atomic t	heory?	* Leucippus (500 BCE), the Greek phil
		A	Dalton	В.	J C Maxwell
		C.	Al Ghazali	emote D.	E Schrodinger
٧.		Who	observed the movement	of molecules	from one container to the other in Maxwell's
		LIIOU	gnt experiment?	without Inch	transfers from hot body to cold body
	10	14.	Maxwell	B.	the demon
		(C.	Maxwell's students	lave D. a	Maxwell's mentor and inquorts and
		The I	Maxwell's demon experim	ent violates	which of the following law?
	1	Α.	law of conservation of	mass	cotton, tater on, he thought that God
	E	3.	the Boyle's law	o la launa	GET ADMISSION IN OUR ONLINE INSTITUTE
	1	N C	first law of thermodyna	amics	Contact WhatsApp Number: +92 331 5014353
	C	/	second law of thermod	ynamics	Contact WhatsApp Number: 132 331 3014333
	T	he S			pelieved to have contributed to evolving the
	well-known field of physics called				
	A	, (	plasma physics	В.	particle physics
	C	1	statistical mechanics	0	quantum mechanics
What were the findings for an outside observer in Schrodinger's cat thought				ver in Schrodinger's cat thought experiment?	
	A.		the cat was dead	B. o	the cat was alive
	C	1	the cat was both alive a	140 35	by Asserting Explaine up region, 19
	~		the cut may both wife a	and dead sin	iditalicousty instance in to responsibility

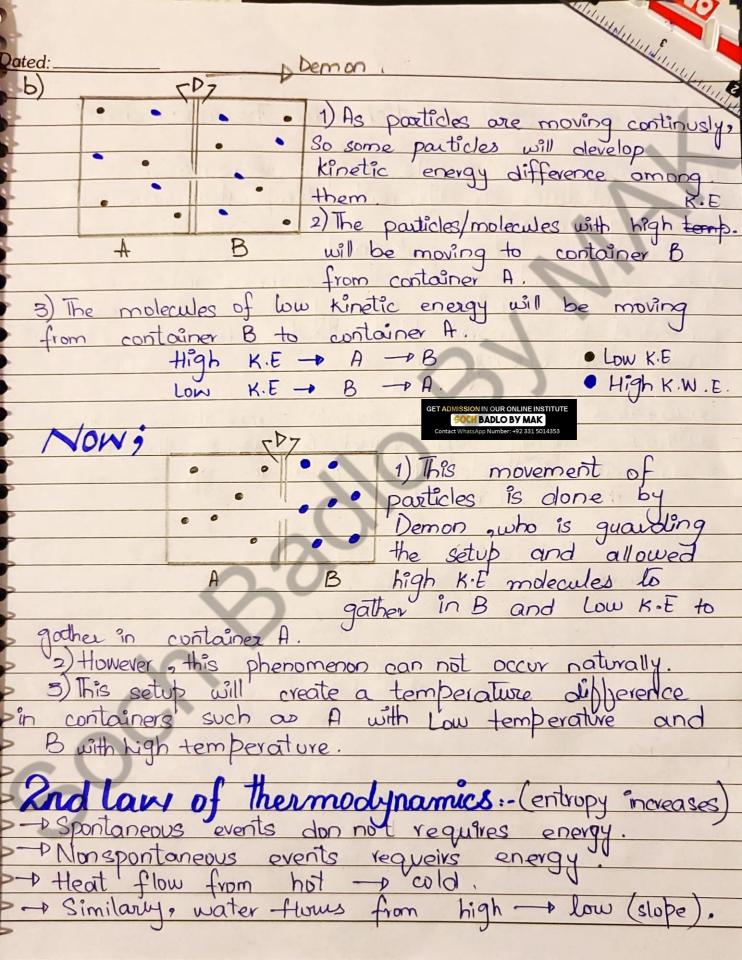
the cat was neither alive nor dead D. The famous book of Al-Ghazali, "Tahafut-al-Falsafa" challenged the philosophical viii. thought of Neoplatonic thinkers which believed that perfection and happiness are achievable in this world no happiness and perfection exist in this world В. **GET ADMISSION IN OUR ONLINE INSTITUTE** there is life hereafter C. **BADLO BY MAK** Contact WhatsApp Number: +92 331 5014353 man is mortal D. Al-Ghazali thought experiment was based on burning ix. cotton wood D. coal A. paper What is correct statement about Al-Ghazali's approach? X. he thought that every event must have a cause 1. he thought that there is succession of events, not causation 11. he thought that God can suspend the habitual continuation of events III. II & III only C. III only D. 1,11 &111 1 & II only B. A. 2. Give short answer.

What was an atom to Democritus?

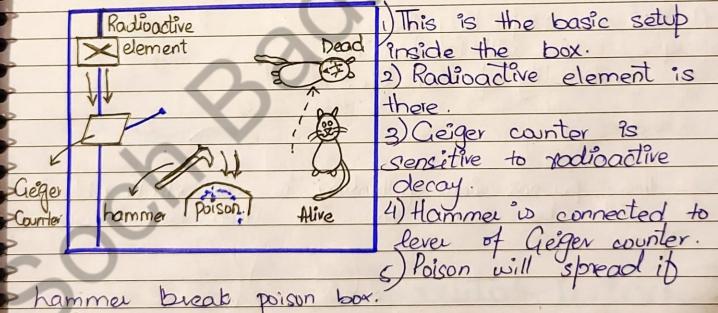
## HISTORY OF CHEMISTRY

Thought experiment: The experiment performed in human mind Real experiment: The experiment performed physically in lab.					
Real expriment :- The experiment performed physically ?	n lab.				
eucippus: first person to think about atom:  - father of atomic philosophy.	Problem				
- Cettor of atomic philosophy.	1				
	Observation				
Democritus Contribution: (Ref Q2 1,11)	1				
Democratis Contribution := the se made up of uniform	Hypothesis				
Thought that matter is made up of uniform.	typothesis				
and undivid-able substance called "atomos"	Deduction				
mount uncillable.	1				
of a person. On precise view, he tried to explain that	Experiment				
of a person. On precise view, he tried to explain that	J.				
our soul shody shrain parceptions consists of atoms too.	Result				
- Shape of atom to feeling:	Result				
a) Anger - Sharp & pointed atoms.  GET ADMISSION IN OUR ONLINE INSTITUTE SOCH BADLO BY MAK  SOCH BADLO BY MAK	7				
b) Joy -> Louge 2 Slow atoms. Contact WhatsApp Number: +92 331 5014353	Theory				
c) Sour taste - Needle shape atom.					
d) White color of matter - Smooth atom.	Law.				
- He argued that change in matter is due					
to combinition or seperation of indivisible posticle					
in matter.					
All the contribution of democritus was					
fust a Thought.					
	A SECTION ASSESSMENT				
The state of the s					





Vaxwells contradiction to Thermodynamics :-The entropy of Maxwell's derp. decreases. 2) The molecules of different temperature are not moving from & hot - p cold The experiment must be non-spontaneous means it requires energy, that shall be provided by demon. But, the character demon Thus, non-spontameous exents can not without energy supply, and Maxwell's thought experiment is deally a violation thermodynamics **GET ADMISSION IN OUR ONLINE INSTITUTE SOCH BADLO BY MAK** Contact WhatsApp Number: +92 331 5014353



Oncept => Case of : Redioactive decay -> Dead.
No radioactive decay -> Alive.

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the equation / - 11 present
matter and nature of matter as particle wave.  The clarification of nature of matter occurs when  perimeters of equation one measured.
GHAZALIZ CONTRIBUTIONS
Introduction: I mam Ghazali was teacher, debatist, and Imam of Isaq who contributed in philosophy and religion by written books "Revival of Religious Science and "Tahafat ul Jalsafa". (Ma)
Challered to the hallowed thought of Neoblatonic
Challenged: He challenged thought of Neoplatonic that says "berfection can be attained by logic & cause
Necessary Causation: - [Burning of cotton] (Ref Cause - Effect. 052 V
Cause - Effect. Os 2 V
Every event takes place due to its cause. Os 6
example s-
Effect -> Burning Cotton.
Cause -> Burning flame.
The cotton burned due to burning flame.
The burning flame burned the cotton.
Softhere is a link blu cotton & flame.
This link is called as Necessary Causation.
Proposition of the control of the second of

[Rainfall] -> Effect: Rain -> Cause: Clauds The rainful happens due to clouds.

The clouds let cause the gain.

Departure:-(Ref Os6) - Charali presented that blind man can't see Contact WhatsApp Number: +92 331 5014353 as he is unable to der his eyelids.

But what if one day a mixacle happen and he started to see world The blind man withink that opening of eye lid is the The theory of causation will then rejects God's will. - Sometimes or many events happen in continuation like a linked chain and necessary cause has nothing to do with their occurance. and habitual manner.

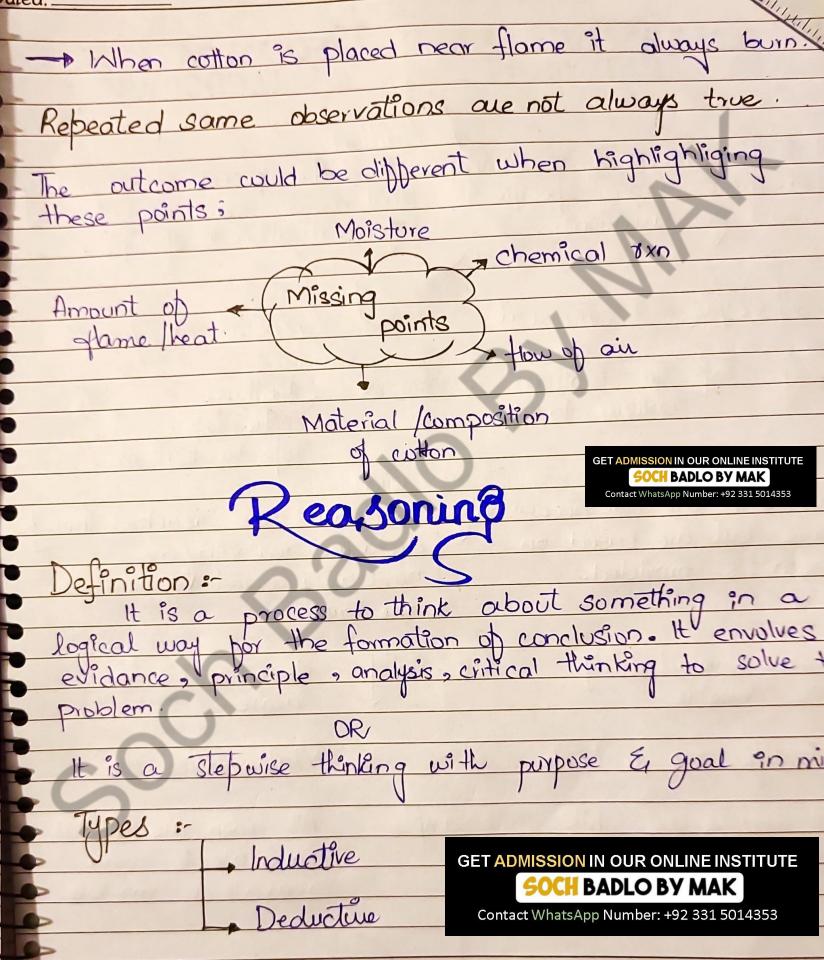
They occurs as a miracle by Gods will in a natural manner.

They occurs as a miracle by Gods will in a natural and habitual manner.

They occurs as a miracle by Gods will in a natural and habitual manner. Challenge to inductive Reasoning :- 0 Ghazall gave few points of inductive reasoning:
a The plame burns a peice of witten.

b The burning of cotton burns when kept near flame.

c The glame is the cause of burning cotton. 0 0 0



GET ADMISSION IN OUR ONLINE INSTITUTE Dated:\_ **BADLO BY MAK** INDUCTIVE DEDUCTIVE REASONING REASOING It is the process of reasoning that moves from specific to broad generalizations. It is the process of reasoning that moves from broad a generalization to specific. Hiarchy General - Specific Specific - General Top to Bottom Approach Bottom.

Top to Bottom. Conclusion Conclusion are not necessarily Conclusions are reached through true but are based on deductive reasoning are Premisis provided. neressarily correct by premisis are true Certainity Degree of uncitainity involve. Uses Scientific research etc. Mothematics etc. All swams are white. txample All men one mortal That's why my swam is Socarale is man white. so cavale is mortale.