Date:	Day:	
- Date.		
	Mame: - Asad Ali UMS 10: 30306 Insufficient length	
	Batch : 54 Insufficient heading	
	Write complete logi	c and steps in
	e math portion	
	Jection-L	
~	A STATE OF THE STA	
<u>a)</u>	Parento sel	
Ans	Volcanes are formed when magma	
1	rise to the surface. This can happen	,
	due to a variety of reason including	
	movement of tectoric plates, buildup	
	of pressure within the Earth, or	
	The melting atrack due to high	<u></u>
	temperatures when maging reaches	
	the surface, it can exupt as lava,	-
	ash and other material.	
0)	Ther	
B)	D. L. Salar System	
	Big bang: Prist Steers 9 billion	_
	(11, 12)	
	A // Sorth	
		_
	50-150million galancies	_
		-
	Big boing is the cosmological model explaining the universe's origin and	11 .
	explaining the universe's origin and	

Date:		Day:
	and evolution.	The state of the s
	to Leading and a cond	Maria Maria Salas Sa
1	Big Crunch:	
	Scenario for the	a hypothetical
	Scenario for the	ultimate feet of
	the universe.	10.76
-	0 (00).	
	Age of the Univers	The age of
	universe determined by analyzing ancient objects like globular dusters	
-	ale The correct e	extimate age of
	etc. The current e	Won years.
	on Army had a	aller or 12 Declar
C)	Light of the di	s to position site
	each examination	Solar Bnergy
	Burn Hill Kyris ye	
1 - 1	2/p(x0a)c0	Wind energy
	1 1 1 2 2 A A 1 1 1 1 1 1 1 1 1 1 1 1 1	Wind energy
	Sources of	
-	Transcent la charge	the state of the s
	Delocioadir el le 144	Hydropower
	renoewable energy !	tydropower
	1 servicios de la	
	1 setset consist of the sets o	
	Detaction by earliest	heathermal Energy
	betgetoably enlesgy	heathermal Energy
	betyerous veriency	heathermal Energy Biomass
	Solon Brengy:	heathermal Energy

Date:	Day:	
	and widely used renewable energy. Sunlight is captured through solar panels and converted into electricity	- 68
iv	wind energy: Homesses of winds	
	hinetic energy through turbines. That generate electricity.	
(iii	Ayaropower: Captures the energy of moving water through dams and burbines.	
(VI	Creathermal Brergy. Utilizes the Eart's internal heat from deep Under ground reserviors.	
٧)	Biomass Energy. Energy derived From oreganic materials like wood, crops and waste. Used for electricity generations, transportation fuels and heating.	
d)	Strength member member Cadde Cadde Outer Jackel Coaling	19

Date:	Day:	
	Optical flore work by transmitting	
	in formation in the form of light	
·	phises. These pulses travel along the	
	filer which is made of glass or	
	Plastic. The light bountes of the walls of the Libre that allowing	
	wolks of the Sibre that allowing	
<u> </u>	it to traval long distance without	
1	losing much strength. This enables.	
	the transmission of data at high	
3	speeds and over long distances!	Ch.
	popular escutgo	
	Howard police town to	
	Duestion S	
a)	· · · · · · · · · · · · · · · · · · ·	<u>C.</u>
	Methods of Food Pereservation:	
	good more description deep	
(i	Freezing Someon hay would	
	U Stops microbial	
	groupth entirely by burning water in	
N. Comment	the bood into ite	
	horisti & star svario con ou	
ii)	brying	
	U Jemoves moisture and	
	making it difficult for microbes!	
	pa dom.	
		00
_ iii)_	Salting and Dickling:	
1	Salt and acidic	
	Solutions draw out moisture and,	
	create an environment in hospitable	
	Do microbes.	

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Date		and the state of t
(vi	Permentation 200- 1 500 1 1000 1000 A	,
14)	Good beateria produce	
	acids and other compound that inhibit	
	harmful bucteria. This method creaks	
		0
	Food like yogust.	
L	Mark Market Mark	
<i>p</i>)	Miller 10 - 2/40/1)	
	Milky way: It is our galaxies. Aspinal galaxy containing as estimated loo-400	
	His our gataxics. Hispinal	
	galany containing an estimated 100-400	
	billion star objects the resides within the virgo supercluster of galaxies.	
	the virgo supercluster of galanies.	
	30 K COMMENT ON MEDICAL SOLL	
	Dark Matteris related to Galaxies.	-
	Dak	
	matter is related to granies because it is the gravitional give that holds	_
	itis he gravitional give that holds	
	galonies together.	
	Different Port of Gataries:	1
	The state of the s	
(i	Halo:	
	the galany that contains old stars,	
	and globular clusters	
	end of a contract of the contr	
(ii	Disk:	
"	A flattened region that contain	
	most of galancies gas, dust and young	L.
	Stears.	
	oras.	
777	Baratan Latar tito	
111).	Boxosport modernia and order high	-

Date:		
	A structured that runs through the	
	Contex of some prolonies including	
	Center of some galories including the Milky way	
	nie mingroug	
c)	Carried San Jones Control of the Con	
the same of the	Solar Belipse	-
	Bearth	
	Moon	
	Sun	
.,	ambra	
7.7	Penumbra	
	The moon passes between the	
	Booth and Sun Casting a shadow	
	on part of Earth	
	on part of each	
-	Luna Eclipse	
	CAMPAC TO THE STATE OF THE STAT	
	Sun Booth, (Moon	
-		
	Umbra	Ö
	Penumba	
	renumber	
	The Book perses between the Sun	
	The Earth passes between the Sun and the Moon, casting a shadow	
	on the Moon.	
	on the Moon.	
11	Carlotte de La Carlot	
a)	Nuclear Pission:	
	A heavy nucleus	
	Split into two or more smaller	
	Of 11 1 1 1 1 1 1 1 1 1	

Date:	Day:	
	nuclei that releasing a large amount	- 1/4
	of energy is called Nuclear Fission.	,
IP .	Nuclean Pusion:	
	When two light	
	nucle: combine to form a beatier	
	mundals unlike releasing a large	
o Maria de Caracia	amount of energy scalled Niclear	
	Pusion.	
	The state of the s	
	Iconic bondin Saltz	
	It composed	
	with sodium (Na) and Chlorine (CI)	-
	atoms held bogether by an ionic	
	with so dium (Na) and Chlorine (CI) with so dium (Na) and Chlorine (CI) whoms held bogether by an ionic bond in salt.	
		-
	Section	
	Section	
		-
	Michigan	
	Clestion 6	
a)	stype in extract district of	
-	Sal	
	Number of votes occeived by the	
	Winning candidate = 15000 Total number of voles= 15000 + 1000+8000	
-		
	z 33 coo.	-
		• 0
	Percentage afford votexs > No of votes recionedwin	y cedo!
-	Total No of votes	
	12 000 × 100.	
	33000	

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	7 30 10	minute double 1
	Theretore, the win	Ding Candidate
	recound approxima	feby 45.45.10 of
	the botal votes.	dude walning
	mahil/ halib - 21 11	Tork in the light soit
b)		
	The Sum of all a	nabelina triangle
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	+ mile of adding of	Sex Post
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-	by 15 deares to fi	n individual
	chale	THE
,	Angle 1 (Janit) 3	x Kdegree Wdenes
	Mar 2 14 12 4x 15	degree - la degree
	Angle 2 (4 nit) = 4x 15 Angle 3 (Swrit) = 5x 15	dogred = 175 dogres
	01/1/11	U
	Therefore, the block triangle are 4 and 75 degree	treaturale of
	Il Lindo me	S de area by dance
	of The design	sagree, or agree,
	and to dugice	
	1	and all the section of the section o
Mary Control	Land out of the	actoria alcolario e
4	24.77.22.77.2.77	21
	and the state of t	8.0

Date	Day:	
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	Sol	
	i) Calculate the Number of groups possible Divide total No of girls by No of girls per group	
100	Divide total No of girls by Noof	
	girls per group	21
	z 102 girsuls z 1+ groups	
	6 gross group	
	The state of the s	
_	ii) Determine the No of boys required	
100	Pex group	
-	each group consists of 4bogs	
-	ili) Cal culate total No of buys regured	- ()
	Multiply No of groups by the ofboys Per group = 179 rougs of groups	-
	per group = 19 rous of groups	
	203043	
•	Thomas Gerbara assassasist	
	Vherefore, 68 boys are required it	7 7
	10 L gry 15. ate averlance.	
d)		•
dy	Sal	_A
	let denote presentages of AEB with ze	
	A:Bz 6x: 7x: 6:7	
	Puture valian Il Cuant	
	Future ratioaller Syears (6x+5): (7x+6): 1:8	
	6x+5 = 7	
	8 24XF	
	48x+40=49x+35	
	10/10/21/1/103	
		_
		and the second

Date: _	Day:	
		0
	Question 8	
	Solver to comment och stadios	
b)	Buch padrip of Dolod of 1	-
ci	4, 16, 36, 64?, 144	
	Mica II - strike -	
	Ans) 4, 16, 36, 64, loo, 144 The Series is formed by squaring	
	The series is formed by squaring	
	exe consecutive even numbers starting	-
	from a.	
	21001 30 2 sienes Charle Xes	
ill	1,7,15,25,2,510	
,	And Donal of march + a chi Waller !!	-,
	1,7,18,25,78,51	
	2100G 83	
()		
i)	BioStanos pro Mod XC 2 2000	
(ii)	Grosden	
(ini	Stomach	
34)	london	
7)	Holiday	
	in the rishes and I don't for	
	and the second of the second	
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	Y TX	
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	Descript allegit	