Muhammad Aham

GSA - First Quarter

07:	Explain the difference between
	rolation and revolution as they applied
	to planets.
Ans:	Rotation: Rotation refers to the
	spinning of a poset around its
	own axis. For example, the earth
	roteiles around its own by following
	the imaginary lin from the borth
	pale to the saith pole. Earth
	usually teckes 23 hours and 53 minutes
•	which is approximately considered
	on a day and this process
	is responsible for the changing
1.5	patterns of day and hight.
	Revolution: Revolution 1s the
	movement of a planet around
	. Alies in Axe, trajet lamsters no
	For example, the earth completes

	Attempt the differences in tabular
and the second s	form and add atleast 5 pointes in
	differences
Section at Case of the Section Co.	revolves around the sun and
	completes its one circle in
MACCO DO SQUERNO DE SESSO DE SESSO DE	365.25 days which is also considered
No. 4700 - 7 - 10-10-10-10-10-10-10-10-10-10-10-10-10-1	as a complete year. The resolution
	of earth around sur is responsible
	for the charging posters of
	climate on earth's surface because
	whe revolving, the earth tilts
X	grow his own cixis at 23.12°.
Lisk Sparadia unbida Physioliki ni capitat (masim unbida)	1 2 3 4
Account to the second s	Sout Sout
ng ng ma gatin na nagan nahalah gapanggangganggan maga	
	Rodation Revolution
	()
Qno2:	Describe the process of how
	a solar eclipse occurs.
Answer	Sun 3
•	
	Moon Earth
	A solar eclipse occurs when
	the moon comes in between
	INC. IIII

The production of the Art		
	the sun and the earth, and	
	blocks the surlight falling	
The Street Street Street Street Street		
· Mark Street, of Street, &	directly on the eath's surface,	
	casting his own shadows	The same of the sa
	There are three types of	
Section of the sectio	7	
na are parte a la dispersion de	sdar eclipse	
	1) Total Solar Eclipse: When the moon	
	comes in between at the center	
And the second second second		
	and blocks the complete surroys.	
	1) Partial Solar Eclipse: IT's hoppen when	
Å	the moon is all present in the	
	review, but some pail of it covers	2
	the sunlight felling to earth.	The second secon
	3) Annual Solar Eclipse: This hoppens	
	when the moon is farther from	
	the earth and upon blocking the	
	path of sunrays, it form a ring	,
	Like circle of fire. Discuss in	more deta
and the second second second second		
Quest	on 3: List three renewable energy	
	sources and explain why they are	
min. About a st. com specific -me again	considered as "renewable".	
Answ	Renewable energy source:	
	These are the	
-		

sines of energy that are	
repletishing. They are present	
in was an out and can be	al at Million allows
used to produce energy, which does not even effect environment.	
.Three renowable energy sources are:	
Sun is the single most imported	
more than 98%. Sun transfers its	
energy in the form of radiation which can be converted into energy	
such as eladricity by using photocells,	
salarplates etc.	
onto the light fells	
the light and changes it composed of many cells into a no	y.
into electricity.	
Midwelly 2/m of which can also	
he used to generate energy. For	
this purpose, the recommended	

-	
	speed of wind is above 15 kmp!
	Wind turbine are used to
	gentiale electricity throug the
	wind. They are most placed near
	when the word street ==================================
	when the wind street there you, they helped
	0
8	the generator to aperate and
	produce electricity.
	3) Creatlemal Energy
	3) Greathermal Energy
	Geothernal energy is the heat
	energy that is present beneath
	the earth's surface. It has
	been used forhardreds of years to
	brognes ejecquicità and Jor
	heating purposes.
	>Extracted energy
	extraction & Similar (area to)
	pipe
	Recooled 10 1000 1 - 1> Ocep Earth
	presence of hat

-> Why they are called renewable? There are the nothrally occurring sources of energy that ear re-produceable by the notire isself they are a source of energy from the thousands of years and will continued to brogne everall. Q4: Compare and Constrait the properties of conductors, insulators and semi-conductors. Ans: Conductors: Conductors are those moderals which allow electricity and heet to pass through them, because of the presence of loose elections. For example: Steel spper, gold, alumium etc. Almost every metal is considered as a conductor except a Jew. Insulators: These are the substances which do not allow electricity to pass through them bit I somehow obsorbs the heat. These substances are

	and an extension of the contract of the contra	
	also refered as bad conditions. These	
	include: Rubber, wood, plantic etc. There	
	are non-conductors are to the strongly	
1	held elections in them.	
	Semi-Canductors:	
	These are the substances	i -
6	have the properties of both	×
The second secon	conductors and insulators. They	
	are also known as the	4
	inbetween contact enstances that	
	can and connet conduct electricity.	
	However, they are widely used to	
	countral and maintain the electric	
	conent in a variety of	
	devices.	
		
Q #5:	What are the three main types of	
	chemical bonds and what are the	
	key differences between them?	
Ans:	Three main types of chemical band	
_	are: 1) Ionic Bond	
	2) Covalent Bour	
and the second s	3) Metallic Bond	

	Key differences between them:	-
to the state of th	(4) Tonic Bond:	
	Touic bonds are formed, when	
The substitute of the substitu	one atom loces on electron while	Marie and Control of the Control
	the other atom gains on election.	
The second parameter and account and account	This led to the Tomation of	
*******	an ion on the atom. This type	
	of bond & usually gamed between	
	both metals and non-metals.	-
	12) Carrolant Bond.	
The second secon	(2) Covalent Bond:	
	This type of bond is formed	
	when two atoms share one or	
	more pairs of electrons They usually	
	occur in non-netals. This is	
	done to complete the ordermost	
		,
	shell to achieve stability.	
	10)	
	(3) Metalic Bond:	
	refelli bond occurs between	-
	metals only. In this type of bond,	
	netals do not lose or share	
V	electrons, inject they are delocalized	
	forming a see of electrons. Which	
	means that they are free to	-
	move in the structure and here	-

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	allows the electricity to move though
	them.
•	
•,	•
-	
Marine, we appear to the State of	
TO SHOULD SHOW AND A SHOW	
-	
*Plants may be a second or of the	