day/date	GSA	Adeclah Khalid - OB-58
	Question-	
	Describe different method	s to estimate the
	age of the Universe.	
	Answer-	
	There are several meth	nods to estimate
	the age of the Universe Diffe	event scientists
	gave different methods to tra	ce back to the
	age of Universe.	
	Methods to Estimate Age	of Universe
	The Hubble Oldest known	Cosmic Microwave
	· Constant object	Background Ratiotion
		•
1-	The Hubble Constant	
	According to the Hubble	Constant method,
	the age of Universe can be	estimated by
	Seeing at which rate the l	Inverse is expanding.
	The expansion rate of the	
	be traced back to the a	ye of the
	Universe. The Hubble constant	is generally
	denotated by HO.	
	and the state of t	,
2-	Oldest Known objects	1
	Another method to estin	ate the age
	of the Universe is through	oldest known
	Objects Such as globular Clu	ters (device group)
1	of Stays) and "Catalog & which	te dway Stars
	(remnants of deal stars). By	analyzing their
(27 MILE)	U	EXCELLENT

or y reacc	A STORY AND A STOR	
	Properties, Such as their luminosity and	
	Composition, Scientists can estimate their	
	estimate the age of the universe.	-
	estimate the age of the universe.	
3-	Cosmic Microwave Background Radiation Third method is to Study the	-
	Third method is to Study the	
	Casmic Michaeve Background (CMB) sadiation.	-
	9t is the reptover radiation of the Big Bang. By Staying the patterns and fluctuations of CMB radiation, Scientist	-
	Big Bang. By Studying the patterns and	-
	fluctuations & CMB radiation, Scientist	-
	Can estimate the age of whereist.	-
100	These are several methods	_
	that can be used to determine the	
	approximate age of the unaverse.	
	Questo	
	Question:- What is "Black Hole! How black holes	
	are formed & discovered?	
	Answer:-	
	What is Black Hole	
	Black holes are massive object in space	
	that is so dense in naire that within	
	a costain radius, heir gravitational field	
	does not let mything escape from it,	
	that is so derse in nuive that within a costain radius, their gravitational field does not let mything escape from it, not even light.	
	reli bent districted from the	
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	How black holes are formed	
	Black holes are the Stellar remnants	
	that are formed when a massive star collapses	
j	at the end of their use cycle. So basically	
	black holes are formed when a massive star	
	at the end of their afe cycle. So basically black holes are formed when a massive star die in a superiora explosion	
	Discuss those parts in a	- bit
	How black holes are discovered by  Black holes Can be discovered by	DIL
	Black holes can be discovered by	
	booking the movements of visible objects around	
	the A black hole's gravity is so strong that	
	the nearby stars orbit around them. So one	
	can look for the Stars behaving strangely	
	around a patch of "empty space. From this	
	black holes can be ascovered and their density	
	can also be a alated.	
i i	that was discovered. Short answer	
	that was discovered. SHOTT all SWET	
•	The state of the s	
	Question:	
	What is Galaxy? The Earth belongs to	
	which Galaxy?	E man
	Answer:	
_		7
	What is Galaxy.  "Galaxy is a gravitation bound	
	galaxy is a gravitation bound	<del></del>
	1543+Cm of stars stellar remnants,	
-	System of 8taxs, stellar remnants, interstellar grad and dark matter.	
Contract Con		
Witness Co.	EXCE	HIEND

d	ay/	d	a	te
•	$\sim$	v		cc

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	According to Astronomers, there are about
	loo to 200 billion galaxies in the Universe.
	The word galaxy is desired from Greek  galaxias, literally "milky," a generice to Milky Way
	galaxias, literally "milky!" a gerence to Milky way
	Galaxy.
	Examples of Galaxy
	Examples of Galaky  Andromeda and Milky Way are  the examples are galaxy.
	the examples are galaxy.
	end the first of the second of
	Classification of Galaky
	According to Hubble Tuning Fork
1	Classification of Galaxy  According to Hubble Tuning Fork  diagram, there are 3 types of galaxy.
-	-> Spiral galaxy  -> Elliptical galaxy
2 14	-> Elliptical galaxy
	-> Leirticular alaxy
-	Howevers a new type of galaxy
	has been introduced recently, named as
	Irregulas galaxy.
	50
1	Elliptical Lenticular ( 50 )
	EO E3 E7 SO SBa SBL
	ED ES ET SO SBG SBG
-	
1	Irr
	Sarrod
4.47.48.4	Fig: Hubble Tuning Fork
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	The Galaxy of Earth  The Earth belongs to the Milky Way	
	The Earth belongs to the Milky Way	
	Galaxy.	
	A brief introduction a Milky Way Galaxy	
	Miky Why Galaxy is a large,	
	disk-shaped galaxy that includes our solar	
	System. Apart from solar system, there are	
	about 200-400 billion stars in Milky Way	
	A brief introduction of Milky Way Galaxy  Milky Way Galaxy is a large,  disk-shaped galaxy that includes our solar  System. Apart from solar system, there are  about 200-400 billion stars in Milky Way  Galaxy. The major arms of tiky Way are:	
	-> Sig attarium arm	
	-> Centaues arm	
	-> Centaurs arm -> Cypnus arm	
	-> Pussues arm	
	our bolar system is in a ninor	
	arm known as Orion arm.	
$\blacksquare$	·	
	Good answer!!	
_		
_		
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