	Insuffic	cient length	
-0-		cient headings	
-1	Dtaw o	diagrams	
2.		complete logic and steps in	
The state of the s	Boton #55 math	portion	
40			
·e	Qno 3.	leadings	
	(a) Global warning is a wild be	east and we	
7	all are poking at it with stick	S ALSOVO	
6	this Global warning refers to the	The Same and the second	
	average an temperature near to	e surface of	
C.	Earth. Warmer temperatures overtin	ne me changing	
-	wather patterns and disrupting t	he weat balance	
8	g) nature. This has resulted in	more severe test	
	waves, storms, heavy downpows, inc	reased flooding	
3-0	and shoughts. Herie, global warning	ng is a wild beast	
1	and we are containtly poking at	it by owning	
18	Jossil July, cutting down Jorests,	leasing green house	
~	Jossil Juen, cutting down Jorests, or gases by refule new thing emission	s. At privat,	
	human be putting an estimated 9.5 billion netric		
-	tons of carbon is the atmosphere each year.		
	Currently, Pakistan is facing the worst song coisis.		
-	If global warning is not controlled, it can have		
	the most devastating effects.		
	(b) what is the origin of universe, how age of		
-7-	universe can be calculated?		
	Ans) The universe began as a hot and interesty dense		
1	point known as a singularity. It probently expladed		
		which is known as the Big Bang and from this	
	came, maker, energy, space and	A BILL	
1=	later, the solar system was co		
4	Study its theories wated by woking it the placest states		
35		Since Il star of	
- E	the globular chester were form		
W.F.			
	way is by measuring the hubble constant which is a		
- J	measure of the current expansi	on Take of the universe	
1			
		· · · · · · · · · · · · · · · · · · ·	

Cosmologists use this measurement to extrapolate back to the big bang. V= HOD Mo = Mubble constant D = distance. V= recession velocity. (c) Write a short note on semi-conductors. are materials which party conduct ausent. They have a conductivity between conductors and insulators. They can be put elements, such Silion or germanium or lompounds such as gallium assenide or cadrium selevide. -) silium atoms s electrons in wordent bonds Figure: changement of electron in a semiconductor natural. Each circle represents a silicon at on, and the lines between the atoms represent the shared four valence electrons it each silicon atom is shared with one reighbouring silium atom. In this way, the atoms assange themselves into structures called crystals. (d) What is eclipse? Distribution between solar and lunar ellipse. An ellipse is an astronomical went in which one astronomical object is temperorally obscured littles by passing into the shadow of another body is having another bed pass between it and the viewer. An eclipse occurs during a syzygy.









