ame:		Subject: Physics	Class: 9 th	Time: 80 minutes	Total Marks:	40
Chapter No.9		MJDexpert.com		ł	Obtained marks	
1. 2. 3. 4. 5. 6.	(a and b) of Que (✓) the correct and In solids, the primar A) Conduction B The unit for measur A) Wm ⁻¹ K ⁻¹ B) J/ Which color is most A) White B) Blac The reason a glider of A) Power B) Con To facilitate quick he A) Wood B) Plas	y mode of heat trans) Convection C) F ing thermal conducti K C) W/m ² D effective at absorbin k C) Bright D remains in the air is o duction C) Conve eat transfer, saucepa tic C) Metal F ognized as skilled the	nd removal of an sfer is: Radiation D) Ab vity is:) K/W ng heat?) Colorful due to: ection D) Radia ins are usually mad D) Fiberglass	y content is strict sorption tion		
	A) Wool B) Iron		raphite	neat?		
	A) 0.59 Wm ⁻¹ K ⁻¹			D) 0.6 Wm ⁻¹ K ⁻¹		
10.	•) Molecular collision y tends to increase v	vith:		ne	
	-	ten (10) of the follo				
	-	the process of heat				
	, .	d conductors of heat				
		luctivity and provide				
		n of a solid influence				
		plications for condu	ctors and insulator	5.		
	Describe the greenh					
		es with sea breezes.				
	What are convection					
		e three methods of h				
		p of tea eventually l				
		nd provide an examp				
12	What methods can b	be used to conserve	energy in a home?			

Write an answer to the following questions:

- 1. Discuss the functions and uses of a Leslie cube.
- 2. What is radiation? Explain how heat is transferred from the sun to Earth.

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