me:		Subject: Physics	Class: 9 th	Time: 80 minutes	Total Marks:	
Cha	oter No.1		MJDexpert.com		Obtained marks	
Note: Q.1: Tic 1. 2. 3.	 Please attempt (a and b) of Qi (a and b) of Qi (b) of Qi (c) and b) of Qi (c) an	any 10 short ques uestion 3. Cutting a swer. ificant figures in the 5 D) 6 quivalent to how ma C) 20 D) 200 rth's internal structu B) Geophysics	tions from Questi and removal of an e value 0.00580 Km uny micrograms? ure is known as: C) Sound D) H	on 2. Also, attem y content is strict is: leat	pt both parts ly prohibited.	
4. 5.	The amount of mat A) Gram B) Kilo The most appropria	ter measured in tern gram C) Newton ate instrument to mo	ms of the number o D) Mole easure the internal	of particles is know diameter of a test	vn as: t tube is:	
6.	A) Meter rule B The total number o) Vernier Calipers f base units in the S ס (ת ס	C) Measuring Tap I system is:	be D) Screw Ga	luge	
7.	The length of a star A) 1 meter B) 0.	ndard meter rule is: 5 meterC) 2 me	eters D) None			
8.	The least count of a A) 0.1 s B) 0.01	Mechanical Stopwa s C) 0.001 s I	atch is: D) 0.0001 s			
9. 10.	A) 0.01g B) 2 m A measuring cylind	g C) 0.00002g er is primarily used t	D) None to measure:			
Q.2: An 1. 2. 3. 4. 5.	swer any ten (10) of How have SI units f What are base quar Compare derived u What are the differ What is physics and	the following quest acilitated scientific p ntities? List them. nits with base units. ences between elect name two of its su	tions: progress? tronic and manual bfields.	balances?		
6.	Convert the followi ○ i. 210.0 gra ○ ii. 0.00580	ng values into scien ms kilometers	tific notation:			
7. 8. 9. 10. 11.	Describe scientific i Why is a micromete How can you find the What are prefixes i Outline the rules for	notation and provide er screw gauge consi he least count of a p n measurement? Pro r determining signif	e an example. idered more precis air of vernier calipo ovide some exampl icant figures in a m	e than vernier cali ers? les. neasurement.	pers?	
12. Q.3: An	Differentiate betwee	een physical sciences	s and biological sci	ences.		
1. 2.	Describe a stopwat Identify the signific o i. 100.8 sec o ii. 0.00580 o iii. 210.0 gr	ch and explain how ant figures in the fol onds ams	a digital stopwatch llowing measureme	n functions. ents:		

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