CHINMAYA INTERNATIONAL RESIDENTIAL SCHOOL

COIMBATORE

ENTRANCE EXAM: SAMPLE PAPER

(FOR ADMISSION TO ACADEMIC YEAR 2014)

CLASS: IX

SUBJECT: SCIENCE

01. By observing the reactions of metals with water and dilute Sulphuric acid, it is possible to put metals in order of their reactivity.

Metal	Reaction With Water	Reaction With Dilute Sulphuric Acid
1	No reaction	Reacts slowly at first
2	No reaction	No reaction
3	Little or no reaction	Reacts quickly
4	Vigorous reaction	Violent- dangerous reaction

Select the correct order of reactivity

- A. 1, 2, 3, 4 B. 2, 3, 4, 1 C. 4, 3, 1, 2 D. 4, 3, 2, 1
- 02. Plastic used for coating non stick pans such as the ones given below is

A. PVC B. Ester C. Bakelite D. Melamine

- 03. Refining can be explained as
 - A. Extraction of petroleum gas
 - B. Separation of various fractions of petroleum
 - C. Heating of coal
 - D. Sedimentation of fossil fuel



A. Grasshopper	B. Eagle C. Snake	D. Grass		
05. The function of b	pacteria present in the root	nodules of leguminous	s plants are	
A. to store	B.	. to perform photosynthesis		
C. to fix atmo	ospheric nitrogen D.	to simplify the compl	ex minerals present in the soil.	
06. 'Adjustment to e	nvironment' is called			
A. Migration	B. Adaptation	C. Hibernation	D. Camouflage	
07. A simple pendult	um takes 32 s to complete 2	20 oscillations. What i	s the time period of the pendulum?	
A. 1.6 s	B. 2.6 s	C. 1.5 s	D. 2.5 s.	
08. The nature of image	age formed on the retina of	f human eye is:		
A. Real and inverted		B. Virtual and erect		
C. Virtual and inverted		D. Real and erect		
		9 1	nding the rim by heating and then neel and then heating it. Why?	
A. Wood doo	es not contract at all on coo	oling.		
	pands both on cooling and	heating		
B. Wood exp		on heating		
-	ce cooled does not expand	on nouring.		
C. Wood one	ce cooled does not expand es not contract on cooling a	-	ls on heating.	
C. Wood one D. Wood doe	-	as much as iron expand	ls on heating.	
C. Wood ond D. Wood doo 10. The direction of t A. Positive	es not contract on cooling a	as much as iron expand	ositive terminal	