INDIAN SCHOOL AL WADI AL KABIR

Class: VIII	Department: MATHEMATICS	Date of submission:19/1/2020
Worksheet :2/2	WINTER HOLIDAY HOMEWORK	
	DESCRIPTIVE QUESTIONS	

Q.1	A motor cycle costs Rs 40000. Its cost has decreased by 22%. What is its cost now?
Q.2.	A farmer sold two bullocks for Rs 18000 each. On one he gained 20% and on the other he lost 20%. Find his gain or loss % on the whole transaction.
Q.3	A shopkeeper allows a discount of 15% on the marked price of an article and sells it for Rs. 2975. Calculate the marked price.
Q.4.	Sunil bought a TV for Rs 22000 including a VAT of 10%. Find the price of the TV before the VAT was added.
Q.5.	Find the difference between the Simple Interest and Compound Interest on Rs 16000 for 2 years at the rate of 5% p.a. compounded annually.
Q.6.	Ramu purchased a boat for Rs. 62500. If the cost of the boat is depreciating at the rate of 4% p.a. Calculate its value after two years.
Q.7.	A garrison of 800 men had provision for 39 days. However, reinforcement of 500 men arrived. For how many days will the food last now?
Q.8.	There are 24 identical pillars in a monument. The base diameter and length of each pillar is 126 cm and 4 m respectively. Find the cost of painting all the pillars @ Rs. 75 per m^2.
Q.9.	Find the difference between the Interest calculated on Rs 12000 for 1 year at the rate of 8% p.a. compounded, a) Half yearly b) Quarterly
Q.10.	If x and y vary inversely find the values of a, b, c and d <table><tr><td>x</td><td>20</td><td>b</td><td>16</td><td>32</td><td>d</td></tr><tr><td>y</td><td>a</td><td>80</td><td>20</td><td>c</td><td>40</td></tr></table>