

BCM SCHOOL, BASANT AVENUE, DUGRI, LUDHIANA. CLASS – VII (MATHEMATICS)
NOVEMBER ASSIGNMENT (REVISION)

SECTION-A (MULTIPLE CHOICE QUESTIONS)						
Q.1	The degree of polynomial $a^2b + 6ab^2 + 5a^2b^3$ is a) 3 b) 2 c) 5 d) 1					
Q.2	A cube has ____ faces, ____ edges and ____ vertices. a) 6, 12, 8 b) 12, 8, 6 c) 8, 12, 6 d) 6, 6, 12					
Q.3	Assertion: Simple interest is a quick and easy method of calculating the interest charge on a loan Reason: if the rate of interest 5% on Rs.1000 for 6 year then the simple interest is Rs.350 a) both assertion and reason are correct and reason is the correct explanation for assertion b) both assertion and reason are correct but reason is not correct explanation for assertion c) assertion is correct but reason is false. d) both assertion and reason are false.					
SECTION-B (2 MARKS QUESTIONS)						
Q.4	Find the mode and median of the data: 11, 12, 15, 13, 18, 11, 13, 12, 13					
Q.5	A man spends 80% of his salary. If he gets Rs.12500 per month as salary. Find his monthly savings.					
SECTION – C (3 MARKS QUESTIONS)						
Q.6	What principle will amount to Rs. 9000 in 5 years at 10% simple interest?					
Q.7	What should be subtracted from $p^3 - 7q^2 + 5p - 7$ to get $q^2 - 2p - 6$?					
SECTION – D (5 MARKS QUESTIONS)						
Q.8	The performance of a student in two class tests (out of 20) is given. Draw a double bar graph choosing an appropriate scale and answer the questions that follows:					
	Subject	English	Hindi	Maths	S.Sci	Gen. Sci.
	I Test	12	10	16	18	8
	II Test	16	12	12	14	16
	i) In which subject has the student improved his performance most? ii) In which subject is the performance the least? iii) In which subject(s) has the performance been improved? iv) In which subject(s) has the performance gone down?					
Q.9	Radha purchased a second hand bicycle for Rs,1200 and spend Rs.300 for its repair. She sold it for Rs.1860. Find gain or loss percent.					
SECTION – E (CASE STUDY)						
Q.10	Case Study: Electronic Store Amit owns an electronic store that sells laptops. He purchases laptops at a cost price of ₹40,000 and sells them at a selling price of ₹50,000. Data: - Cost price per laptop: ₹40,000 - Selling price per laptop: ₹50,000 - Number of laptops sold: 20 Fixed expenses (rent, utilities, etc.): ₹50,000 Based on the above information answer the following questions: 1. What is the profit percentage per laptop? 2. What is the total profit percentage from selling 20 laptops? 3. If Amit increases the selling price by 5%, how will it affect the profit percentage?					