

## NMMS – MAT QUESTIONS

### NUMBERS, SIGNS AND SYMBOLS

If P means  $\times$ , R means  $+$ , T means  $\div$  and S means  $-$ , then  
 $18\ T\ 3\ P\ 9\ S\ 8\ R\ 6 = ?$

- (A)  $-\frac{1}{3}$  (B) 46 (C) 52 (D)  $\frac{2}{3}$

If A means  $-$ , B means  $\div$ , C means  $+$  and D means  $\times$ , then  
 $15\ B\ 3\ C\ 24\ A\ 12\ D\ 2 = ?$

- (A) 2 (B)  $\frac{5}{9}$  (C)  $-23\frac{4}{9}$  (D) None of these

If  $A = 16$ ,  $C = 8$ ,  $D = 3$ , and  $B = 9$ , then  
 $C + A \times B \div D = ?$

- (A) 27 (B) 46 (C) 72 (D) None of these

If A stands for  $+$ , B stands for  $-$ , C stands for  $\times$  then the value of  
 $(10C4)A(4C4)B6 = ?$

- (A) 60 (B) 56 (C) 50 (D) 46

If  $+$  means  $\times$ ,  $\div$  means  $-$ ,  $\times$  means  $\div$  and  $-$  means  $+$  then the value of  
 $58 - 6 \times 34 \div 2 + ?$

- (A) 49 (B) 64 (C) 104 (D) None of these

If  $+$  means  $\times$ ,  $-$  means  $\div$ ,  $\times$  means  $-$ , and  $\div$  means  $+$ , then the value of  
 $16 \div 64 - 8 \times 4 + 2 = ?$

- (A) 12 (B) 16 (C) 18 (D) 2

In the following question you have to identify the correct response from given premises stated according to the following questions

If  $\div$  stand for greater than,  $\times$  stand for addition;  $+$  stands for division,  $-$  stands for equal to,  $>$  stands for multiplication,  $=$  stands for less than,  $<$  stands for minus, then which of the following alternatives is correct?

- (A)  $3 + 2 < 4 \div 6 > 3 \times 2$  (B)  $3 \times 2 < 4 \div 6 + 3 < 2$   
(C)  $3 \times 2 < 4 - 6 \times 3 \times 2$  (D)  $3 \times 2 \times 4 = 6 + 3 < 2$

If " $\div$ " means " $+$ ", " $-$ " means " $\div$ ", " $\times$ " means " $-$ " and " $+$ " means " $\times$ ", then

$32 \div 8 - 4 \times 12 + 4 = ?$

- (A) 40 (B)  $1/12$  (C) 16 (D) -14