INDIAN SCHOOL MUSCAT – MIDDLE SECTION – DEPARTMENT OF MATHEMATICS (2017 – 18)

NAME OF THE STUDENT: **CLASS: 7 SEC:** **DATE : 27:08:17**

REVISION WORKSHEET : 02 **SUBJECT : MATHEMATICS**

(SECTION – A)

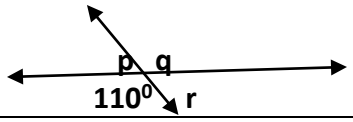
S.NO	QUESTIONS
1	Find the numerical co-efficient of -3abc
2	Write the equation for three fourth of 'x' added by 12 gives 5
3	(– 42) ÷ (+ 7) = _____
4	If (– 7x) = 21 Find x

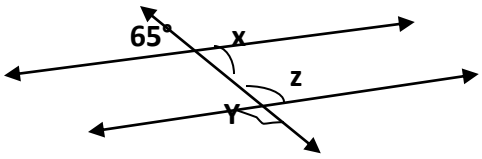
(SECTION – B)

S.NO	QUESTIONS
5	Represent $\frac{-5}{3}$ on the number line
6	Simplify [(– 8) + (– 7)] ÷ (– 5)
7	What should be added with – 3x + 4y – 3z to get 5y + 2x – 7z ?
8	Solve : 2 (3x + 1) =20
9	Solve $\frac{-3m}{5}=12$
10	Find the value of $\frac{4^5}{2^3}$ (use laws of exponents)

(SECTION – C)

S.NO	QUESTIONS
11	Identify the terms and factors in the expression $8xy - 3y^2$
12	Check which is the value given in the bracket is a solution to the given equation 4(n+3)=16 (n=0,-1,1)
13	Find the value of : (–20) – (–72) + (– 15) – (+7)
14	Simplify combining like terms ($3p^2 + 5p + 6$) – ($8p - 2p^2 - 14$)

15	Write the rational numbers in ascending order. $\frac{11}{-20}, \frac{-3}{5}, \frac{-7}{-15}, \frac{2}{5}$
16	Find the value of n . $7^3 \times 7^{-6} = 7^{2n-1}$ (use laws of exponents)
17	Solve: 5p + 25 = 45
18	Find the value of 'p' 'q' and 'r' in the adjacent figure. Also write the reason. 

(SECTION – D)	
S.NO	QUESTIONS
19	Solve $\frac{x}{5} - \frac{7}{3} = \frac{1}{9}$
20	Find the value of $\frac{9^2 \times 2^3}{12}$ (use laws of exponents)
21	Find the sum : a) $\frac{4}{5} + \left(\frac{-2}{3}\right)$ b) Which is greater ? i) $\frac{-2}{5}$ or $\frac{3}{-4}$ (show the working)
22	Solve : 3 (x – 1) + 6 =12
23	Write four rational numbers between $\frac{-2}{7}$ and $\frac{-1}{4}$
24	Find the value of the angles x, y, and z in the given figure. 
25	From the sum of 2a – 3b + c and a – 5b – 3c subtract 4a – b – 7c
26	Find the value of $4a^2 - 2ab + 3b^2$ expression for a = 3, b = 2
27	Find the value using laws of exponents $\frac{81 \times 125 * 10^3}{100 \times 27 \times 25}$
28	Find the product using suitable properties : i) – 384 × 102 ii) 526 × (– 36) + (– 526) × 64

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PORTION FOR THE FIRST TERM EXAMINATION	TOTAL MARKS : 80
S.NO	PORTION
1	INTEGERS
2	LINES AND ANGLES
3	RATIONAL NUMBERS
4	EXPONENTS
5	ALGEBRAIC EXPRESSIONS
6	SIMPLE EQUATIONS (EX NO: 4.1,4.2 AND 4.3 ONLY)