NAME OF THE STUDENT :
CLASS :7 SEC :
DATE : 04.09.18

REVISION WORKSHEET-2
SUB: MATHEMATICS

| S.NO | ANSWER THE FOLLOWING QUESTIONS |
| :---: | :---: |
| 1 | Find the value of $m$ which satifies the equation $5-3 m=5$ |
| 2 | Write the equation for 'three times b subtracted from 7 gives $\mathbf{2 5}$ '. |
| 3 | Solve: $\quad$ i) $6(x-2)+4=2(x+2)-6 \quad$ ii) $(-4)=6(-2+p)-4(p-3)$ |
| 4 | Aditya is 3 years younger to his sister.If the sum of their ages is 27 years, what are their present ages? |
| 5 | The sum of three consecutive multiples of 3 is $\mathbf{7 2}$. Find the numbers. |
| 6 | Divide 48 into two parts such that twice of one part is equal to the other part. |
| 7 | Two angles x and y form a linear pair. If $\mathrm{x}=65^{\circ}$, find the value of y . |
| 8 | Find the values of unknown angles |
| 9 | Find the supplement and complement of $72^{\circ}$. |
| 10 | Find unknown angles, the lines $p$ and $q$ are parallel |
| 11 | Find the standard form of $\frac{24}{-72}$. |
| 12 | Represent the rational number $\frac{3}{-5}$ on a number line. |
| 13 | List four rational numbers between $\frac{2}{-7}$ and $\frac{-1}{3}$. |


| 14 | Simplify : | $\left[\frac{24}{-72}-\frac{16}{36}\right]$ | $\div\left[\frac{6}{18} \times \frac{8}{-4}\right]$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 15 | Show the terms and factors by tree diagram - $6 p^{2} q-11 \mathrm{pq}^{3}$ and write the numerical coefficient of each term also write the coefficient of $p$ and coefficient of $q$ |  |  |  |  |
| 16 | Write the type of expression $\begin{array}{llll}\text { (i) } 2 x+3 x & \text { (ii) } 2 m-4+3 m & \text { (ii) } 2 p+3 q+5-q\end{array}$ |  |  |  |  |
| 17 | Add : $2 \mathrm{~m}^{2}-6,5 m-3 m^{2}+3,-2 m+6$ |  |  |  |  |
| 18 | Subtract $-3 x+6 y-7$ from the sum of $2 x-3 y+3$ and $-5 y+6$. |  |  |  |  |
| 19 | Simplify the expression ( $6 p-2 q+4)-(2 q+3 p-2)$ and then find the value if $p=(-1)$ and $q=(-2)$ |  |  |  |  |
| 20 | Find the seventh term of the expression ( $\mathrm{n}^{2}-1$ ). |  |  |  |  |
| 21 | Simplify: (i) $2^{2}+3^{2} \quad$ (ii) $(-3)^{3}-(-2)^{0} \quad$ (iii) $\left(4^{0}+5^{0}+7^{0}\right)^{3}$ |  |  |  |  |
| 22 | Simplify : $\frac{12^{4} \times 9^{3} \times 4}{6^{3} \times 8^{2} \times 27}$ |  |  |  |  |
| 23 | Express $1331 \times 297$ as the product of prime factors in exponential form. |  |  |  |  |
| 24 | Write the standard form of a)3401000000 b)10234.5 |  |  |  |  |
| 25 | Write the | al form of | a) $6.23 \times 10^{7}$ | b) $1.234505 \times 10^{4}$ |  |
| 26 | Find the product of (-1) $\times(-20) \times(-4) \times 6$ |  |  |  |  |
| 27 | Find the product using suitable properties $\quad$ a) $123 \times(-69)+22 \times 69-(-69)$ b) $659 \times-1001$ |  |  |  |  |
| 28 | Simplify : (a) [ $-60 \div-5]-[-20-(-2)] \quad$ (b) $[-30 \times-2+15] \div[-3-\{-5 \times 2\}+8]$ |  |  |  |  |
| INDIAN SCHOOL MUSCAT - MIDDLE SECTION - DEPARTMENT OF MATHEMATICS (2018-19)   <br> CLASS: 07 PORTION FOR THE FIRST TERM EXAMINATION TOTAL MARKS - 80 |  |  |  |  |  |
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| S.NO |  |  |  | OPIC |  |
| 1 | INTEGERS |  |  |  |  |
| 2 | RATIONAL NUMBERS |  |  |  |  |
| 3 | LINES AND ANGLES |  |  |  |  |
| 4 | EXPONENTS AND POWERS |  |  |  |  |
| 5 | ALGEBRAIC EXPRESSIONS |  |  |  |  |
| 6 | SIMPLE EQUATIONS |  |  |  |  |

