



**INDIAN SCHOOL MUSCAT
MIDDLE SECTION
SECOND PERIODIC TEST 2018-19
ANSWER KEY - MATHEMATICS- SET A**



CLASS: 6

SECTION A - FILL IN THE BLANKS

Q.NO		Answers
1		
(a)	The decimal form of $400 + 10 + 6 + \frac{2}{100} + \frac{3}{1000}$ is	416.023
(b)	The successor of (-50) is	(-49)
(c)	Using decimals, express 965 paise in rupees	Rs. 9.65
(d)	The smallest integer among (-18) , 9, 10 and (-10) is	(-18)
(e)	28°C below zero when represented as an integer is	-28°C

SECTION B-'1' MARK QUESTIONS

Q.NO														
2														
	Convert $\frac{5}{4}$ into decimal.													
(a)	$\frac{5}{4} \times \frac{25}{25} = \frac{125}{100} = 1.25$													
	Arrange in descending order: $-24, -42, -25, 24$													
(b)	$24 > -24 > -25 > -42$													
	Shruti scored 498.75 marks out of 600 in the final examination. How many marks did she lose?													
(c)	<table style="margin-left: 20px; border-collapse: collapse;"> <tr> <td style="padding-right: 10px;">Marks: Total</td> <td style="padding-right: 10px;">600</td> <td style="padding-right: 10px;">→</td> <td style="padding-right: 10px;">600.00</td> <td rowspan="3" style="font-size: 3em; vertical-align: middle; padding-left: 10px;">}</td> </tr> <tr> <td></td> <td style="padding-right: 10px;">Scored</td> <td style="padding-right: 10px;">→</td> <td style="padding-right: 10px;"><u>498.75</u></td> </tr> <tr> <td></td> <td style="padding-right: 10px;">Lost</td> <td></td> <td style="padding-right: 10px;"><u>101.25</u></td> </tr> </table>	Marks: Total	600	→	600.00	}		Scored	→	<u>498.75</u>		Lost		<u>101.25</u>
Marks: Total	600	→	600.00	}										
	Scored	→	<u>498.75</u>											
	Lost		<u>101.25</u>											
(d)	List all the integers between (-2) and 3 = $-1, 0, 1, 2$													
(e)	Find the value of the expression $(-208 + 5)$ = $-208 + 5 = -203$													

SECTION - C ('2' MARK EACH – TOTAL (10 MARKS))

Q.NO

- 3 Anil bought 8 m 5 cm of coloured paper and used 3 m 84 cm for making borders for the soft boards. How much paper was left with him?

$$\begin{array}{r} \text{Colour paper bought} \longrightarrow 8\text{m } 5\text{ cm} = 8.05\text{ m} \\ \text{Used} \longrightarrow 3\text{m } 84\text{cm} = \underline{3.84\text{ m}} \\ \text{Left} \qquad \qquad \qquad \qquad \qquad \underline{4.21\text{ m}} \end{array} \quad \left. \vphantom{\begin{array}{r} \text{Colour paper bought} \\ \text{Used} \\ \text{Left} \end{array}} \right\}$$

Ans: 4m 21cm of coloured paper left with him

4

Find the value of $(-48) + (-12) - (-30) + 20$

$$\begin{array}{r} -48 -12 + 30 + 20 \\ -60 + 50 \\ \underline{-10} \end{array}$$

- 5 Seema has Rs 25.50, Nita has Rs 200 and John has Rs 150.75. Find the total amount with them.

Amount with:

$$\begin{array}{r} \text{Seema} \longrightarrow 25.50 \\ \text{Nita} \longrightarrow 200.00 \\ \text{John} \longrightarrow \underline{150.75} \\ \text{Total} \qquad \qquad \underline{376.25} \end{array}$$

Ans: Total amount is Rs. 376.25

- 6 a) Write two negative integers greater than (-4) Ans: $-3, -2, -1$ (any two)

- b) Find the sum of: $-125, 200$ and -76

$$\begin{array}{r} (-125) + 200 + (-76) \\ -125 + 200 - 76 \\ 200 - 201 \\ \underline{-1} \end{array}$$

- 7 a) Draw a number line and find what is 6 more than (-2) .

b) Put the correct sign ($<$, $>$ or $=$): $(-12) + 8$ _____ $(-6) - (-4) + 4$

$$\begin{array}{ccc} -4 & & -6 + 4 + 4 \\ -4 & \leq & 2 \end{array}$$