وزارة التربية والتعليم
الإدارة المركزية لتطوير المناهج
مكتب مستشار الرياضيات

برعاية

وزير التربية و التعليم و التعليم الفنى
معالى الأستاذ الدكتور / رضا حجازى

و توجيهات

رئيس الإدارة المركزية لتطوير المناهج
الدكتور / أكرم حسن

نموذج إسترشادى لمادة الرياضيات

للصف السادس الأبتدائى الفصل الدراسى الأول 2024/2023

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نموذج استرشادي امتحان الصف السادس الأبتدائى عام2024 م

First Term 2024

Answer the following Questions :

Q(1) Choose the correct answer

(1) The greatest negative integer is ....

Ⓐ -1 Ⓑ -10 Ⓒ -100 Ⓓ -1000

(2) $10^3 =$.....

Ⓐ 30 Ⓑ 300 Ⓒ 100 Ⓓ 1000

(3) The number -18 belongs to ..... to both sets

Ⓐ natural and integers Ⓑ Counting and integers

Ⓒ Integers and natural Ⓓ Natural and rational

(4) From numerical data.....

Ⓐ height Ⓑ Job Ⓒ blood type Ⓓ Favorite color

(5) Which of the following represents two similar algebraic terms?

Ⓐ 3m,3k Ⓑ x, y Ⓒ 5c,5b Ⓓ x,3x

(6) The arithmetic mean of the values 2, 7, 3, 8, 10 is .....

Ⓐ 2 Ⓑ 3 Ⓒ 6 Ⓓ 7

(7) In the box chart, if the minimum = 3, and the maximum = 11, then the range = ...

Ⓐ 3 Ⓑ 8 Ⓒ 11 Ⓓ 14

Q(2) complete the following

(1) $\frac{-3}{5}$ belongs to set of .....numbers

(2) The (G.C.F) of the two numbers 4,8 is ....

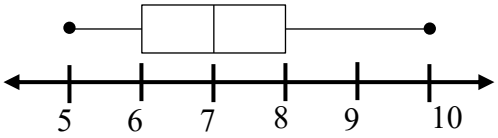
(3) $\frac{2}{5} + \frac{1}{4} = \cdots$

(4) The number of terms of the algebraic expression $5x + 3y + 8$ is....

(5) The median of the values 2, 7, 3, 5 is.....

(6) If x is an independent variable and y is a dependent variable, then the equation that expresses the rule (multiplying by 8) is .....

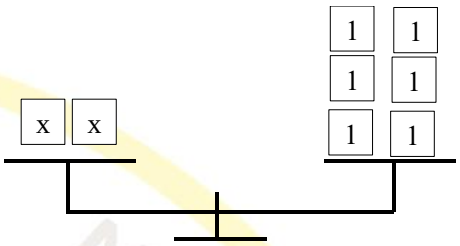
(7) From the box diagram in the corresponding figure, the median =...



(8) The negative integer that represents the solution to the inequality $x > -2$ is .....

Q(3) Choose the correct answer

(1) From the opposite figure the value of x=....



Ⓐ	4	Ⓑ	3
Ⓒ	2	Ⓓ	1

(2) The median of the values 5, 9, 2, 7, 4 is .....

Ⓐ	5	Ⓑ	6	Ⓒ	7	Ⓓ	8

(3) The mode of the values 4, 7, 5, 3, 7, 9 is...

Ⓐ	5	Ⓑ	6	Ⓒ	7	Ⓓ	8

(4) The algebraic expression 5 (1+x) is equivalent to the algebraic expression...

Ⓐ	5x	Ⓑ	5x+1	Ⓒ	5x+5	Ⓓ	5+x

(5) $\frac{-3}{4}$ ..... $\frac{-2}{5}$

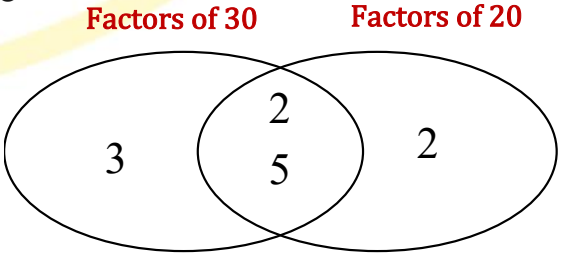
Ⓐ	<	Ⓑ	>	Ⓒ	=	Ⓓ	≤

(6) If $X = |-5|$, then X=.....

Ⓐ	**5**	Ⓑ	**-5**	Ⓒ	-10	Ⓓ	**0**

(7) In the Venn diagram, the least common multiple of the numbers 20 and 30 is...

Ⓐ	60	Ⓑ	40
Ⓒ	30	Ⓓ	10



Q(4)

(1)Find the result of $60 - (17 + 15) \div 2^2$

(2) Write four solutions of the following inequality in the set of integers $m > 5$

(3) If x is an independent variable and y is a dependent variable, write the equation that expresses the rule (Multiply by 3, then add 5)
Then find the value of y at (x = 4)

(4) The following table shows the grades obtained by some students in mathematics

Marks	12	14	16	18	19	20
Frequency	2	4	3	2	1	2

(a) Represented the data by a histogram with an interval length of 3

(b) How many students got 17 marks and more?