O.S.D.A.V.Public School, Kaithal
May Test (2024)
Class-VII
Subject: Mathematics (Set A)

Time: -   50min.   M.M.:- 20

Name………………………. Roll No……………………. Section………………..

Q.No.	Questions	Marks
	Section-A	
1.	How many rational numbers are lie between two rational numbers? a)Infinite b)Two c)Seven d)Zero	1
2.	Absolute value of $\frac{-4}{5}$ is: a)$\frac{-4}{5}$ b)$\frac{5}{4}$ c)$\frac{4}{5}$ d)$\frac{-5}{4}$	1
3.	Standard form of$\frac{10}{-15}$ is: a)$\frac{-10}{15}$ b)$\frac{-2}{3}$ c)$\frac{2}{3}$ d)$\frac{15}{10}$	1
4.	Which of the following pair of rational numbers is equal? a)$\frac{-12}{16}$ and $\frac{10}{-16}$ b)$\frac{-15}{20}$ and $\frac{25}{-30}$ c)$\frac{-8}{24}$ and $\frac{7}{-21}$ d)$\frac{-6}{-10}$ and $\frac{11}{-15}$	1
5.	Which of the following rational number is not equivalent to $\frac{3}{5}$? a)$\frac{6}{10}$ b) $\frac{-3}{-5}$ c) $\frac{9}{15}$ d)$\frac{12}{24}$	1
6..	Identity element of addition is : a)1 b)2 c)0 d)does not exist	1
7.	Which of the following is correct? a)$0 > \frac{-3}{7}$ b)$0 < \frac{-3}{7}$ c)$0 = \frac{-3}{7}$ d)none of these	1
8.	Fill in the blank square: $\frac{}{12} = \frac{5}{6}$ a)-5 b)20 c)7 d)10	1
9.	The sum of $\frac{-3}{9} + \frac{5}{6}$ is: a)$\frac{-8}{15}$ b)$\frac{2}{15}$ c)$\frac{1}{2}$ d)$\frac{5}{9}$	1
10.	What is the value of $\frac{-7}{15} \div \frac{-14}{15}$ a)$\frac{-1}{2}$ b) $\frac{1}{2}$ c)$\frac{98}{225}$ d) -2	1
11.	Find the least number that should be added to $\frac{2}{3}$ to get -1: a)$\frac{1}{3}$ b)$\frac{-5}{3}$ c)$\frac{2}{3}$ d)$\frac{-2}{3}$	1
12.	Which of the following is a negative rational number? a)$\frac{1}{2}$ b)$\frac{3}{4}$ c)$\frac{-4}{-5}$ d)$\frac{2}{-3}$	1

13.	Ascending order of $\frac{-3}{5}, \frac{-2}{3}, \frac{-1}{5}$ is a)$\frac{-3}{5}, \frac{-1}{5}, \frac{-2}{3}$ b)$\frac{-3}{5}, \frac{-2}{3}, \frac{-1}{5}$ c)$\frac{-2}{3}, \frac{-3}{5}, \frac{-1}{5}$ d) none of these	1
14.	Write the rational number whose numerator is 4 x (-7) and denominator is (4-7). a)$\frac{-28}{-3}$ b)$\frac{-11}{11}$ c)$\frac{8}{3}$ d)$\frac{13}{8}$	1
15.	If a,b,c are rational numbers, then the property a x (b + c)= a x b + a x c is known as: a)commutative property b)associative property c)distributive property d)closure property	1
16.	The reciprocal of $\frac{5}{7}$ is………….	1
17.	Fill in the blank:$\frac{-5}{8}$ x …..= $\frac{-5}{8}$	1
18.	The number …………… has no reciprocal.	1
19.	Assertion: ax (b x c) = (a x b) x c is called associative law for multiplication. Reason: The associative law states that when you multiply any three rational numbers, the grouping of the number does not affect the result. (a)Assertion and reason both are correct and reason is the correct explanation of assertion (b)Assertion and reason both are correct but reason is not the correct explanation of assertion. (c)Assertion is true reason is false. (d)Assertion is false reason is true.	1
20.	Assertion: 0 is not a rational number. Reason: A rational number can be expressed in the form of $\frac{p}{q}$ where p, q are integers and q$\neq$ 0. (a)Assertion and reason both are correct and reason is the correct explanation of assertion (b)Assertion and reason both are correct but reason is not the correct explanation of assertion. (c)Assertion is true reason is false. (d)Assertion is false reason is true.	1

O.S.D.A.V.Public School, Kaithal
May Test (2024)
Class-VII
Subject: Mathematics (Set B)

Time: -   50 min   M.M.:- 20

Name…………………….Roll No. …………………..Section……………..

Q.No.	Questions	Marks
	Section-A	
1.	The sum of $\frac{-4}{5} + \frac{7}{10}$ is: a)$\frac{-1}{10}$ b)$\frac{2}{15}$ c)$\frac{3}{15}$ d)$\frac{5}{9}$	1
2.	Which of the following rational number is not equivalent to $\frac{-7}{4}$? a)$\frac{-14}{8}$ b) $\frac{-21}{12}$ c) $\frac{-28}{16}$ d)$\frac{-7}{8}$	1
3.	Absolute value of $\frac{-5}{6}$ is: a)$\frac{-5}{6}$ b)$\frac{5}{6}$ c)$\frac{6}{5}$ d)$\frac{-5}{6}$	1
4.	What number should be added to $\frac{7}{12}$ to get$\frac{5}{15}$? a)$\frac{-1}{4}$ b)$\frac{1}{2}$ c)-19 d)Zero	1
5.	If a,b,c are rational numbers, then the property a + (b + c)= (a + b) + c is known as: a)commutative property b)associative property c)distributive property d)closure property	1
6..	Which of the following numbers lie on the right of $\frac{3}{4}$ on number line? a)0 b) $\frac{-1}{4}$ c)$\frac{5}{4}$ d)$\frac{1}{4}$	1
7.	Find the positive rational number out of the following. a)$\frac{-3}{7}$ b)$\frac{-15}{30}$ c)$\frac{-21}{-40}$ d)$\frac{27}{-62}$	1
8.	Fill in the blank square: $\frac{\square}{12} = \frac{3}{6}$ a)-5 b)20 c)6 d)12	1
9.	Which of the following is correct? a)$0 > \frac{-4}{5}$ b)$0 < \frac{-4}{5}$ c)$0 = \frac{-4}{5}$ d)none of these	1
10.	Identity element of addition is : a)1 b)2 c)0 d)does not exist	1
11..	Which of the following pair of rational numbers is equal? a)$\frac{-15}{7}$ and $\frac{9}{-12}$ b)$\frac{-15}{20}$ and $\frac{-12}{16}$ c)$\frac{-8}{24}$ and $\frac{13}{-21}$ d)$\frac{-6}{-10}$ and $\frac{11}{-15}$	1

12.	Standard form of $\frac{16}{-24}$ is: a)$\frac{-16}{24}$ b)$\frac{-2}{3}$ c)$\frac{2}{3}$ d)$\frac{16}{24}$	1
13.	Write the rational number whose numerator is 3 x (-8) and denominator is (3- 8). a)$\frac{-24}{-5}$ b)$\frac{-11}{11}$ c)$\frac{9}{7}$ d)$\frac{15}{10}$	1
14.	Descending order of $\frac{-4}{5}$, $\frac{-1}{3}$, $\frac{-2}{5}$ is a)$\frac{-4}{5}$, $\frac{-2}{5}$, $\frac{-1}{3}$ b)$\frac{-2}{5}$, $\frac{-1}{3}$, $\frac{-4}{5}$ c)$\frac{-1}{3}$, $\frac{-2}{5}$, $\frac{-4}{5}$ d) none of these	1
15.	What is the value of $\frac{-14}{20} \div \frac{-21}{15}$ a)$\frac{-1}{2}$ b) $\frac{1}{2}$ c)$\frac{98}{225}$ d) -2	1
16.	…………and …………... are their own reciprocal.	1
17.	Fill in the blank:$\frac{-5}{6}$ + …..= $\frac{-5}{6}$	1
18.	Every positive rational number is …………. Than zero.	1
19.	Assertion:$\frac{7}{0}$ is not a rational number. Reason: A rational number is a number that in the form of $\frac{p}{q}$,where p, q are integers, and q is not equal to 0. (a)Assertion and reason both are correct and reason is the correct explanation of assertion (b)Assertion and reason both are correct but reason is not the correct explanation of assertion. (c)Assertion is true reason is false. (d)Assertion is false reason is true.	1
20.	Assertion: (a + b) + c =a+ (b+c) is called associative law. Reason: The associative law states that when you add any three rational numbers, the grouping of the numbers does not affect the result. (a)Assertion and reason both are correct and reason is the correct explanation of assertion (b)Assertion and reason both are correct but reason is not the correct explanation of assertion. (c)Assertion is true reason is false. (d)Assertion is false reason is true.	1

Time: -   hrs.   **M.M.:- 20**

Q.No.	Questions	Marks
	Section-A	
1.	a)Infinite	1
2.	c)$\frac{4}{5}$	1
3.	b)$\frac{-2}{3}$	1
4.	c)$\frac{-8}{24}$ and $\frac{7}{-21}$	1
5.	d) $\frac{12}{24}$	1
6..	c)0	1
7.	a)$0 > \frac{-3}{7}$	1
8.	d)10	1
9.	c)$\frac{1}{2}$	1
10.	b) $\frac{1}{2}$	1
11.	b)$\frac{-5}{3}$	1
12.	d)$\frac{2}{-3}$	1
13.	c)$\frac{-2}{3}, \frac{-3}{5}, \frac{-1}{5}$	1
14.	a)$\frac{-28}{-3}$	1
15.	c)distributive property	1
16.	$\frac{7}{5}$	1
17.	1	1
18.	0	1
19.	(a)Assertion and reason both are correct and reason is the correct explanation of assertion.	1
20.	(d)Assertion is false reason is true.	1

O.S.D.A.V.Public School, Kaithal
Mat Test (2024-25)
Subject: Mathematics (Set B)
Class: VII

Time: -   hrs.   M.M.:- 20

Q.No.	Questions	Marks
	Section-A	
1.	a)$\frac{-1}{10}$	1
2.	d)$\frac{-7}{8}$	1
3.	b)$\frac{5}{6}$	1
4.	c)$\frac{-1}{4}$	1
5.	b)associative property	1
6..	c)$\frac{5}{4}$	1
7.	c)$\frac{-21}{-40}$	1
8.	c)6	1
9.	a)$0 > \frac{-4}{5}$	1
10.	c)0	1
11..	b)$\frac{-15}{20}$ and $\frac{-12}{16}$	1
12.	b)$\frac{-2}{3}$	1
13.	a)$\frac{-24}{-5}$	1
14.	c)$\frac{-1}{3}, \frac{-2}{5}, \frac{-4}{5}$	1
15.	b) $\frac{1}{2}$	1
16.	………1…and …-1……….. are their own reciprocal.	½ +1/2
17.	Fill in the blank:$\frac{-5}{6} + \dots 0 \dots = \frac{-5}{6}$	1
18.	Every positive rational number is …greater………. Than zero.	1
19.	(a)Assertion and reason both are correct and reason is the correct explanation of assertion.	1
20.	(a)Assertion and reason both are correct and reason is the correct explanation of assertion.	1