BRAIN INTERNATIONAL SCHOOL



SESSION 2024-25

PERIODIC TEST-II REVISION WORKSHEET -1

Class -V TOPIC : FRACTIONS SUBJECT-MATHS

Q-1 Fill in the blanks:					
	In fraction, numerator is less than denominator. In Improper fraction, numerator is than its denominator.				
,	Fractions having different denominators are called fractions.				
	Fraction with as a numerator is called unit fraction.				
e)	Like fractions are the fractions with denominator.				
f)	is the another name of reciprocal.				
Q-2 Draw a number line and represent the following fractions on it:					
a)	$\frac{3}{7}$ and $\frac{8}{7}$				
b)	$\frac{5}{9}$ and $\frac{11}{9}$				
Q-3 Reduce the following fractions to its lowest terms:					
a)	12				
b)	25 8				
Q-4 Convert the following into mixed fractions:					
a)	<u>20</u>				
b)	9 49				
D)	20				
Q-5 Co	onvert the following into improper fractions:				
a)	$1\frac{7}{30}$				
b)	$3\frac{4}{17}$				

ASSERTION AND REASONING

DIRECTION: In the following questions, a statement of **Assertion** (**A**) is followed by a statement of **Reason** (**R**). Choose the correct option.

- a) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- c) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.
- Q-6 **Assertion** (A):. $\frac{2}{3}$ and $\frac{4}{6}$ are equivalent fractions.

Reason(R): Equivalent fractions are the fractions which have the different value.

Q-7 Assertion (A):. $1\frac{3}{2}$ is a mixed fraction.

Reason(R): A mixed fraction is a fraction with a combination of whole number and proper fraction.

- **Q**-8 A class has 7 periods in a day. Total time for seven periods is $5\frac{1}{4}$ hours.
 - a) Identify the type of fraction : $5\frac{1}{4}$
 - **b)** What will be the duration of 1 period?

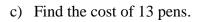
Q-9 Anmol filled $\frac{3}{9}$ litres of petrol on Monday and $\frac{1}{5}$ litres of petrol on Tuesday.

- a) What is the total quantity of petrol filled on both days?
- b) How much more petrol filled on Monday than on Tuesday?



Q-10 Arun bought 13 pens and the cost of a pen is $\frac{3}{5}$ 5 $\frac{1}{13}$.

- a) Convert $5\frac{1}{13}$.into improper fraction.
- b) Find the multiplicative inverse of the answer obtained in part (a).





BRAIN INTERNATIONAL SCHOOL



SESSION 2024-25

PERIODIC TEST-II REVISION WORKSHEET -2

Class -V TOPIC : FACTORS AND MULTIPLES SUBJECT-MATHS

Q-1 Tick the correct option which is divisible by the given number:

2	a) 234	b) 567	c) 103
3	a) 6280	b) 2589	c) 1025
5	a) 2342	b) 2149	c) 5620
10	a) 3090	b) 2013	c) 3654

ASSERTION AND REASONING

DIRECTION: In the following questions, a statement of **Assertion** (**A**) is followed by a statement of **Reason** (**R**). Choose the correct option.

- d) Both Assertion and Reason are true and Reason is a correct explanation of Assertion.
- e) Both Assertion and Reason are true and Reason is not a correct explanation of Assertion.
- f) Assertion is true but Reason is false.
- d) Assertion is false but Reason is true.
- Q-2 **Assertion** (A): 17 is a prime number.

Reason(R): A number which has only 2 factors -1 and itself is called a prime number.

Q-3 **Assertion** (**A**):. 4520 is divisible by 3.

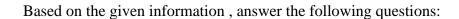
Reason(R): A number is divisible by 3 if sum of its digits is divisible by 3.

Q-4 Fill in the blanks:

- a) Numbers which are not divisible by 2 are called _____ numbers.
- **b**) 2 is the only ____ and ___ number.

c) Prime numbers are the numbers which have only 2 factors and				
d) One number \times other number = HCF \times				
e) numbers do not have any common factors between them.				
Q-5 Write any 2 examples of :				
a) Co-prime numbers				
b) Twin Prime numbers				
Q-6 Do the prime factorisation of 96 and draw its factor tree also.				
Q-7 Find the HCF of 15, 20, 25 by the following methods:				
a) Finding common factors				

- b) Prime factorisation
- c) Long division
- Q-8 Find the LCM of 12,15 and 20 by the following methods:
- a) Finding common multiples
- b) Prime factorisation
- c) Long division
- Q-9 Rohan wants to distribute refreshments on a school trip. She has 24 cakes, 16 sandwiches, 32 chocolates. He wants to distribute the food items among her classmates equally in packets.



- a) Check whether 24 and 16 are co-prime numbers.
- b) Write any 2 multiples of the number of sandwiches he has.
- c) What is the maximum number of packets he can make?