BAL BHARATI PUBLIC SCHOOL
SUBJECT: - MATHEMATICS
CLASS: - VI

WEEK: 23ᵗʰNOV'20 to 3Oᵗʰ NOV' 20

NO. OF BLOCKS :3

TOPIC : REVISION ASSIGNMENT

SUB TOPICS :

1. **FRACTIONS**
2. **DECIMALS (Ex 8.1 and Ex 8.2)**
3. **INTEGERS**

FRACTIONS

Q1.

The fraction which is not equal to $\frac{4}{5}$ is

(A) $\frac{40}{50}$

(B) $\frac{12}{15}$

(C) $\frac{16}{20}$

(D) $\frac{9}{15}$

Q2

The two consecutive integers between which the fraction $\frac{5}{7}$ lies are

(A) 5 and 6

(B) 0and1

(C) 5 and 7

(D) 6 and 7

Q3

When $\frac{1}{4}$ is written with denominator as 12, its numerator is

(A) 3

(B) 8

(C) 24

(D) 12

Q4

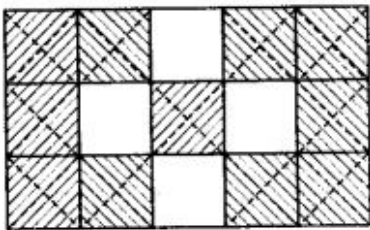If $\frac{5}{8} = \frac{20}{p}$, then value of p is

(A) 23

(B) 2

(C) 32

(D) 16

Q5

Which of the following is not equal to the others?

(A) $\frac{6}{8}$

(B) $\frac{12}{16}$

(C) $\frac{15}{25}$

(D) $\frac{18}{24}$

Q6.

Write the fraction represented by the unshaded portion of the adjoining figure:

Q7   (3 marks)

Arrange the fractions $\frac{2}{3}, \frac{3}{4}, \frac{1}{2}$ **and** $\frac{5}{6}$ in ascending order.

Q8   (2 marks)

Katrina rode her bicycle $6\frac{1}{2}$ km in the morning and $8\frac{3}{4}$ km in the evening . Find the Distance travelled by her altogether on that day .

Q9.   (2 x 2 mark)

It was estimated that because of people switching to Metro trains ,about 33000 tonnes of CNG , 3300 tonnes of diesel and 21000 tonnes of petrol was saved by the end of year 2007 .Find the fraction of

(i)   The quantity of diesel saved to the quantity of petrol saved

(ii)   The quantity of diesel saved to the quantity of CNG saved .

Q10   (3 marks)

When Sunita weighed herself on Monday , she found that she had gained $1\frac{1}{4}$ kg . Earlier her weight was $46\frac{3}{5}$ kg .What was her weight on Monday .

DECIMALS

Q1. Express $\frac{11}{20}$ as decimal   (1 mark)

Q2. Which is greater $\frac{18}{15}$ Or 1.3   (2 marks)

Q3. Arrange in ascending order   (1 mark)

   12.14 , 12.124 , 12.1 , 12.213

Q4.

Which of the following decimals is the smallest ?

(A) 0.27

(B) 1.5

(C) 0.082

(D) 0.103

Q5

Which of the following decimals is the greatest ?

(A) 0.182

(B) 0.0925

(C) 0.29

(D) 0.038

Q6. Is the following statement true ?

   $23.2 = 23\frac{2}{5}$

Q7. Express $3\frac{2}{5}$ as a decimal.

Q8. Decimal 16.25 is equal to the fraction ___

Q9. Expess 0.8 and 1.6 on number line .

INTEGERS

Question 1   (2)

Write the correct answer from the given four options :

Sania and Trapi visited Leh and Tawang respectively during winter. Sania reported that she had experienced –4°C on Sunday, while Trapi reported that she had experienced –2°C on that day. On that Sunday

(A) Leh was cooler than Tawang.

(B) Leh was hotter than Tawang.

(C) Leh was as cool as Tawang.

(D) Tawang was cooler than Leh.

Question 2:
State whether each of the following statements is true or false: (2)
 (a) Every positive integer is greater than 0.
(b) Every integer is either positive or negative.

Question 3:
 Fill in the blank using < , > or = to make the statement correct   (1)
                        3 + (–2) _____ 3 + (–3)

Question 4 .
Represent the following using integers with proper sign: (2)
        (a) 3 km above sea level
        (b) A loss of Rs 500

Question 5: How many integers are there between –9 and –2 ?   (1)

Question 6 .Calculate: 1 – 2 + 3 – 4 + 5 – 6 + 7 – 8 + 9 – 10   (2)

MULTIPLE CHOICE QUESTIONS

Question 7. The integer '5 units to the right of 0 on the number line' is
        (A) +5   (B) –5   (C) +4   (D) – 4
 Question 8. The predecessor of the integer –1 is
        (A) 0   (B) 2   (C) –2   (D) 1
Question9.

Amulya and Amar visited two places A and B respectively in Kashmir and recorded the minimum temperatures on a particular day as -4°C at A and –1°C at B. Which of the following statement is true?

A) A is cooler than B

B) B is cooler than A

C) There is a difference of 2°C in the temperature

D) The temperature at A is 4°C higher than that at B.

Question10.
Which of the following shows the maximum rise in temperature?

(A) 0°C to 10°C   (B) –4°C to 8°C

(C) –15°C to –8°C   (D) –7°C to 0°C

Question 11.

Compute each of the following:

(a) 30 + (−25) + (−10)

(b) (−20) + (−5)

(c) 70 + (−20) + (−30)

(d) −50 + (−60) + 50

(e) 1 + (−2) + (− 3) + (− 4)

(f) 0 + (− 5) + (− 2)

(g) 0 − (−6) − (+6)

(h) 0 − 2 − (−2)

Question12.

Match the items of Column I with that of Column II:

Column I		Column II
(i)	The additive inverse of +2	(A) 0
(ii)	The greatest negative integer	(B) −2
(iii)	The greatest negative even integer	(C) 2
(iv)	The smallest integer greater than every negative integer	(D) 1
(v)	Sum of predecessor and successor of −1	(E) −1