Class: VI

Subject: Maths (unsolved sample paper)

Summative Assessment –II

Time: 3 hours **MM:90**

Name: _____ class & section: _____ Roll.no._____

Invigilator's Name & Signature _____

General Instructions:-

(i) All questions are compulsory.

(ii) The question paper consists 34 questions divided into four sections A,B,C and D.
Section-A has 8 questions of 1 mark each.
Section-B has 6 questions of 2 marks each.
Section-C has 10 questions of 3 marks each.
Section-D has 10 questions of 4 marks each.

(iii) There is no overall choice. However internal choice has been provided in 1 question of section B. 2 questions in section c. And 3 questions in section D.

(iv) An additional 15 minutes time has been allotted to read this question paper only.

SECTION-A

Choose the correct option for the following.

Q1. The absolute value of |-73| is

a) -73

b) 73

c) -37

d) 37

Q2. Which sign comes in given box (-7) ☐ (-5)

a) =

b) >

c) <

d) none

Q3. Fraction for shaded part is 

a) –

b) –

c) –

d) –

Q4. Write >, < or = in box 3.76 ☐ 3.67.

Q5. What is the Algebraic equation for seven more than a number is 14

a) x+7=14

b) x-7=14

c) x+14=7

d) x-14=7

Q6. An algebraic expression consisting of two terms is called.

a) Monomial

b) Trinomial

c) Binomial

e) None

Q7. A comparison by Division is called.

a) Fraction

b) Ratio

c) Integers

e) DMAS

Q8. These are two type of Data primary data and _____ data.

a) Secondary

b) Supplementary

c) Pictograph

d) Frequency

SECTION-B

Give answer in very short.

Q1. Arrange the number in ascending order.
-6, 0, -7, 3, -10, 4

Q2. Write 4 equivalent fraction of

–,_____, _____, _____, _____.

Q3. Write as decimal number

60 + 4 **+** —— ——

Q4**.** Determine by substitution if 2 is the root of 5x-10=0.

Q5. Find the ratio in the lowest form: 7 kg to 700 grams

Q6**.** Calculate the perimeter of Given Figure

200 m

100 m

SECTION-C

Solve the following in short. **10×3=30**

Q1. Express the given as mixed fraction. $\frac{25}{4}$

Q2. Convert the given Rupees in to paise Rs. 18.25.

Q3. Write the Numerical coefficient of
a) 21 xy b) xyz

Q4. 18 less than a number p is 20. What is the number?

Q5. Solve to find the value of unknown.
3x+1=7

Q6. Find the x for given proportion.
x:12::14:24

Q7. Draw a circle of given Radius 3.5 cm.

Q8. Draw an angle of 90º and bisects it.

OR

Draw a line segment AB of 6 cm. then draw a perpendicular bisector to it.

Q9. Find the Area of given Figure.

40 m

Q10. Draw the pictograph for the following data by taking suitable scale.
In class VI students like to play different games.
Cricket 90, Hockey 50, Football 60 and Baseball 80.

SECTION - D

Give answer in long:

Q1. Simplify :(-3) - (-8+9)

Q2. Add the following: $2\frac{1}{10}+3\frac{1}{2}$

OR

Subtract the given: $2\frac{4}{5}-1\frac{1}{6}$

Q3. What is the difference of 3.14 and the sum of 5.99 and 0.65?

OR

A wire is of length 6.47 m. If 2.78 m is cut from it, how much of the wire is left?

Q4. Solve: 5x + 8 = 23

Q5. If the cost of 4 books is Rs.28. Then find the cost of such 12 books.

OR

The sum of two angles is 90 degrees. The angles are on the ratio 2:3. Find the measure of each angle.

Q6. Draw an angle of 60º make a copy of the angle using ruler and compass.

Q7. Evaluate the following: a+b+c when a=4, b=6 and c=5

Q8. Find the length of a cardboard if its area is 52 sq. cm. and length is 13 cm.

Q9. Read the following pictograph and answer the questions.

Number of books read by students

Scale: 1 picture = 100 books

Class V	
Class VI	
Class VII	
Class VIII	

i) Which class has read the most number of book?

ii) Which two classes has read the same number of books ?

iii) How many more books were read by class V than class VI?

iv) How many books were read by class VII students?

Q10. The road to Mr. Gupta's house from the main road is 900 m. long. To bring a telephone connection to his house, he fixed telephone poles every 50 meters apart from the beginning of the road to his house. How many poles did he have to fix?