

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) $-\frac{7}{8}$
- b) $-\frac{1}{8}$
- c) $-\frac{1}{4}$
- d) $-\frac{1}{2}$

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

$\frac{1}{2}$, _____, _____, _____, _____.

Q3. Write as decimal number

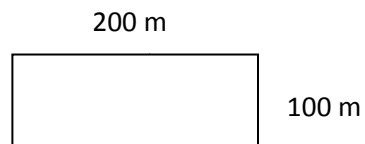
$60 + 4 + \frac{1}{10} + \frac{2}{100}$

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

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) $21xy$ 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 90° 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 60° 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	

- Which class has read the most number of book?
- Which two classes has read the same number of books ?
- How many more books were read by class V than class VI?
- 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?