



INDIAN SCHOOL AL WADI AL KABIR

Final Examination Revision Worksheet (2024-25)

Class: VI

Sub: MATHEMATICS

Max Marks: 80

Instructions:

Section A: Multiple Choice Questions (Q.1 to Q.15) & Source based Question (Q.16)

Section B: Short Answer Questions of 2 marks each (Q.17 to Q.21)

Section C: Long Answer Questions (Type – 1) of 3 marks each (Q.22 to Q.27)

Section D: Long Answer Questions (Type – 2) of 4 marks each (Q.28 to Q.33)

& Case study Questions (Q.34 & Q.35) of 4 marks e

Section A: Multiple Choice Question (Q.1 to Q.15) of 1 mark each

1.	Each side of a regular octagon is 25 cm. then its perimeter is							
	A	100cm	B	200cm	C	300cm	D	400cm
2.	The side length of a square park whose perimeter is 144 m equals to:							
	A	30m	B	34m	C	36m	D	72m
3.	The perimeter of the given figure is:							
	A	60 m	B	75m	C	80m	D	85m
4.	The area of a triangle whose base is 8 cm and height 14 cm is:							
	A	54 sq.m	B	56 sq.m	C	80 sq. m	D	72 sq. m

5.	Find the length of a rectangle which is 12 cm wide and has an area of 252 sq. cm							
	A	14 cm	B	18 cm	C	21 cm	D	25 cm
6.	Convert $41\frac{2}{3}$ into improper fraction.							
	A	$\frac{43}{3}$	B	$\frac{123}{3}$	C	$\frac{125}{2}$	D	$\frac{125}{3}$
7.	Find the missing fraction: $\frac{2}{3} + \frac{\square}{\square} = 1$							
	A	0	B	1	C	$\frac{2}{3}$	D	$\frac{1}{3}$
8.	Anna mixes $1\frac{2}{3}$ litre of water with $2\frac{1}{6}$ litre of pineapple squash. How much mixture does she get?							
	A	$3\frac{5}{6} l$	B	$4\frac{1}{6} l$	C	$3\frac{5}{9} l$	D	$3\frac{4}{9} l$
9.	Find the number of whole units in $\frac{57}{4}$.							
	A	12	B	13	C	14	D	15
10.	The successor of -199 is:							
	A	-200	B	-198	C	-197	D	-201
11.	How many integers are there between -19 and -25 ?							
	A	0	B	Infinite	C	5	D	7
12.	Find the value of $(-20) + 23 + (-12)$.							
	A	-31	B	-40	C	$+8$	D	-9
13.	Subtract -24 from -56							
	A	32	B	$+30$	C	-32	D	-36
14.	Before drawing a bars in a graph, we draw the two.....							

	A	Arrows	B	Axes	C	Points	D	Circles
15.	In a pictograph, 5 students are represented by 😊, so 20 students will be represented by							
	A	😊😊😊	B	😞😞😞😞	C	😊😊😊😊😊	D	None of these
Q16.	Source based Question -5 Marks Four children order their own small pizza of the same size. Ria eats $\frac{3}{5}$ of pizza, Jia eats $\frac{9}{20}$ of pizza, Sia eats $\frac{7}{15}$ of pizza and Lia eats $\frac{3}{10}$ of pizza. 							
I	Find the total part of pizza eaten by Ria and Sia.							
	A	$\frac{16}{15}$	B	$\frac{9}{20}$	C	$\frac{9}{15}$	D	$\frac{12}{17}$
II	Find the total part of pizza eaten by Jia and Lia.							
	A	$\frac{3}{15}$	B	$\frac{1}{15}$	C	$\frac{3}{4}$	D	$\frac{5}{15}$
III	Who eats the most amount of pizza?							
	A	Ria	B	Sia	C	Jia	D	Lia
IV	Arrange the names of the children in order from lowest to greatest quantity of pizza eaten.							
	A	Ria, Sia, Jia, Lia	B	Ria, Jia, Sia, Lia	C	Jia, Sia, Lia, Ria	D	Lia, Jia, Sia, Ria
V	Which fraction is not equivalent to $\frac{9}{20}$?							
	A	$\frac{18}{40}$	B	$\frac{27}{60}$	C	$\frac{81}{40}$	D	$\frac{36}{80}$

Section B: Short Answer Questions (Type – 1) of **2** marks each (Q.17 to Q.21)

- 17.** A die is thrown 25 times and the numbers appearing were as given below:
2,4,5,6,6,6,5,2,3,1,6,2,3,3,4,1,6,2,3,2,2,3,6,6,6. Draw a frequency distribution table to represent the given data.
- 18.** Find the cost of ploughing the field of sides 125m and 150m at the rate of ₹5 per metre.
- 19.** Draw a circle of radius 3.2 cm using compasses.
- 20.** Ram painted $\frac{1}{5}$ of the wall space in his room. His sister Rina helped and painted $\frac{3}{5}$ of the wall space. How much did they paint together?
- 21.** Insert proper sign ($<$, $=$, $>$) in the box:
a) $(-12) + (-4)$ $(8) - (-8)$
b) $(+1) + (-5)$ $(-24) + (20)$

Section C: Long Answer Questions (Type – 1) of **3** marks each (Q.22 to Q.27)

- 22.** Given below is a table representing the number of flowers produced by a nursery during different months in a year
- | Month | January | February | March | April | May | June |
|-------------------|---------|----------|-------|-------|-----|------|
| Number of flowers | 40 | 80 | 50 | 60 | 30 | 70 |
- Represent the given data on a pictograph. Use the symbol ☀ to represent 10 flowers. Minimum number of flowers are produced in which month of the year?
- 23.** Add on number line:
a) $-1 + (-4)$
b) $(-5) + (-3) + 2$
- 24.** Construct a rectangle whose length is 4.6 cm and breadth is 6.3cm using compasses and protractor.

25	Shanil has $2\frac{4}{7}$ m of wire, and Livin has $1\frac{3}{4}$ m of wire. What is the total length of wire they have together?
26.	Simplify the following: a) $46 - (-25)$ b) $320 - 10 - 22$ c) $104 + (-18 + 98)$
27	Rohan bought a square plot of side 140m. Adjacent to his Zeon bought a rectangular plot of a length of 150 m and a breadth of 160m. Find out which plot is bigger in area.
Section D: Long Answer Questions (Type – 2) (Q.28 to Q.33) & Case study (Q.34 &35) of 4 marks each	
28.	From a rectangular chart paper of size 100 cm by 80 cm, seven squares of side 15 cm each were cut out. Find the perimeter of each square and also find the area of the remaining chart paper.
29.	A room is 6m long and 5m wide. How many square meters of carpet is needed to cover the floor of the room? If the cost of the carpet is ₹25 per square metre, find the amount of money required for carpeting the floor of the room.
30.	Sam and Eby went fishing. Sam caught $4\frac{1}{4}$ kg of fish, and the fish caught by Eby weighed $3\frac{1}{2}$kg. Whose fish weighs more, and by how much? 
31.	Subtract the sum of -250 and 138 from the sum of 136 and -272 .
32.	Construct a rectangle in which one of the diagonals divides the opposite angles into 55° and 35° .

33.

Study the information given about the rainfall in a certain city in successive months. Draw a bar graph to represent this information:

Month	June	July	August	September	October
Rainfall (in mm)	45	35	30	20	40

34.

Case Study-1: Mr. Sharma had ₹ 500 in his bank account. He credited ₹150 on Monday and ₹50 on Tuesday. Answer the following questions.



a. Find his current balance.

b. On Wednesday and Thursday, he withdrew ₹150 and ₹ 200 respectively, from his account. Find the total amount he withdrew from his account.

c. If he deposits ₹50 into his account, find his current balance.

35.

Case Study-2: The following pictograph shows the number of bicycles that had come to the shop to be repaired in the last week.

1 symbol of  represents 3 bicycles

DAYS	Number of bicycles
Sunday	
Monday	     
Tuesday	   
Wednesday	       
Thursday	  
Friday	
Saturday	    

1. On which day did 12 bicycles come to the shop to be repaired?

2. On which day did no bicycle come to the shop for repairing?

3. How many bicycles were brought for repairs to the shop on Saturday and Wednesday?

ANSWERS					
Q1.	200cm	Q2.	36 m	Q3.	60 m
Q4.	56 sq.cm	Q5.	21	Q6.	$\frac{125}{3}$
Q7.	$\frac{1}{3}$	Q8.	$3\frac{5}{6} l$	Q9.	14
Q10.	-198	Q11.	5	Q12.	-9
Q13.	-32	Q14.	Axes	Q15.	
Q16	I. $\frac{16}{15}$ II. $\frac{3}{4}$ III. Ria	IV. Lia, Jia, Sia, Ria V. $\frac{81}{40}$	Q17		Q18 Area=18750sq.m Cost=₹93750
Q19		Q20	$\frac{4}{5}$	Q21	a) < b) =
Q22		Q23		Q24	
Q25	$\frac{121}{28} = 4\frac{9}{28}$	Q26	a) 71 b) 288 c) 184	Q27	Zeon
Q28	Perimeter square=60 cm Area of the remaining chart paper = 6425 sq. cm	Q29	Carpet required = 30 sq. m Total cost = ₹750	Q30	Sam's fish is heavier. Difference in weight = 3/4kg
Q31	-24	Q32		Q33	
Q34	a. ₹ 700 b. ₹ 350 c. ₹ 535	Q35	1. Tuesday 2. Friday 3. 39 bicycles.		