INDIAN SCHOOL AL WADI AL KABIR
Pre-Mid-Term REVISION PAPER (2024-25)

Sub: MATHEMATICS

Class: VII   Max Marks: 30

21/05/2024   Time: 1 hour

Instructions:

Section A: Multiple Choice Questions (Q.1 to Q.8)

Section B: Source based questions (Q.9 to Q.12)

Section C: Long Answer Questions (Q.13 to Q.16)

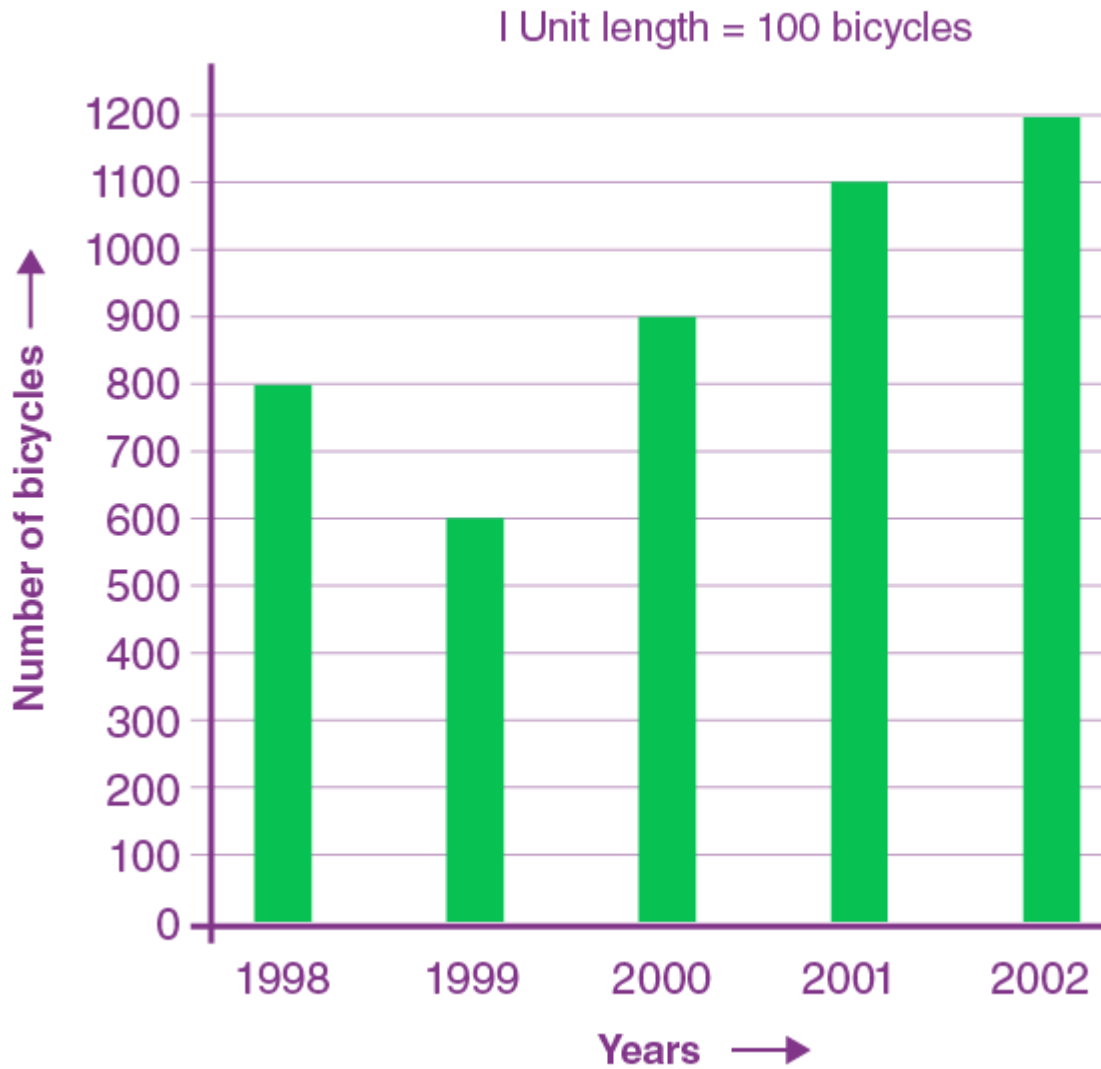Section D: 4 Marks questions & Case study (Q.17 to Q.18).

NOTE: This question paper consists of 05 printed pages

Section A: Multiple Choice Question (Q.1 to Q.8) of **1** mark each							
1.	The reciprocal of $\frac{4}{16}$ is:						
	A	4	**B**	$\frac{1}{4}$	**C**	$\frac{1}{2}$	**D** 2
2.	The value of $\frac{25}{16} \div \frac{15}{4}$ is:						
	A	$\frac{12}{5}$	**B**	$\frac{5}{12}$	**C**	$\frac{4}{16}$	**D** $\frac{335}{64}$
3.	Emma likes chocolates. One day she bought a chocolate and ate $\frac{5}{8}$ of it in the morning and $\frac{2}{8}$ in the evening. The part of the chocolate she ate is:						
	A	$\frac{1}{8}$	**B**	1	**C**	$\frac{7}{8}$	**D** $\frac{3}{8}$

4.	2.34 ÷ 1000 =							
	A	234.0	**B**	0.234	**C**	0.0234	**D**	0.00234

5.	Arrange the given set of decimals in ascending order: 0.6, 0.04, 5.4 ,3.2 ,1.005							
	A	0.6, 1.005,0.04, 3.2, 5.4	**B**	0.04, 0.5,1.005, 3.2, 5.4	**C**	1.005, 3.2,5.4, 0.04 ,0.6	**D**	0.6, 1.005, 0.04,3.2, 5.4

6.	value of 17.826 x 100 is:							
	A	1782.6	**B**	178.26	**C**	1.7826	**D**	17.826

7.	The following sizes of shoes were sold in a day. Calculate the mode 5,8,9,5,6,4,9,3,9,3,6,1,9,7,1,2,9,5							
	A	3	**B**	6	**C**	5	**D**	9

8.	The mark of 10 students (out of 100) of a class is given below. Find the range 65,70,55,85,60,50,86,97,25,15							
	A	82	**B**	62	**C**	52	**D**	72

Section B: Source based questions (Q.9 to Q.12) of 1 mark each

The table below displays the number of bicycles produced at a factory from 1998 to 2002.

I Unit length = 100 bicycles

9. Which year had the greatest number of bicycles produced?

A	1998	B	2002	C	2001	D	1999

10. What is the difference in the number of bicycles produced in the year 2002 and 2000?

A	300	B	600	C	900	D	800

11.	Which year had least number of bicycles produced?							
	A	1999	B	2000	C	2002	D	1998
12.	What is the total number of bicycles produced in the year 1998,1999,2000?							
	A	2000	B	2300	C	1400	D	900

Section C: Long Answer Questions (Q13 to Q.16)

13.	Multiply ($\frac{1}{2}$ + $\frac{2}{3}$) with reciprocal of the product of ($\frac{4}{5}$ and $\frac{10}{16}$) (2m)
14.	Naina bought 17.50 kg of tomatoes at Rs 19.60 per kg ,3250 g of cauliflower at Rs 9.80 per kg. How many total vegetables (in kg) did she buy and what did she pay to the Shopkeeper? (2m)
15.	James has a rectangular box. The length of the box is 25.78 cm and its width is 7.16 less than its length. What is the area of rectangular box? (3m)
16.	(i) Kids borrow books from a library from Monday to Friday. A week value is recorded and is as follows: 65,148,351,481,390. Find the mean? (ii)The score of kids in mathematic test (out of 50) are given below. Find the median? 33,45,25,42,35,26,20,24,46,39,15 (3m)

Section D: Long Answer Question of 4 marks &Case study (Q.17 & Q.18)

17.	Given below is the data showing the favorite fast food of boys and girls of class V. Draw a Double Bar graph representing the given information. (4m)

Fast Food	PIZZA	NOODLES	PASTA	BURGER
BOYS	25	42	15	90
GIRLS	30	85	75	67

Based on the above information answer the following questions:

	(i)Which is the most favorite fast food of girls?	
	(ii)What is the total number of boys and girls who likes pizza?	
	(iii) What is the ratio of number of boys who likes pasta to the number of girls who likes pasta?	
	(iv)Which fast food is least preferred for boys and girls ?	
18.	**Case Study:** (4m) In a class of 40 students $\frac{1}{5}$ of the total number of students like to study English,$\frac{2}{5}$ of the total number like to study Mathematics and the remaining students like to study science. Based on the above information answer the following questions: (i)How many students like to study English? (ii)How many students like to study Mathematics? (iii)What fraction of the number of students like to study science? (iv)What fraction of the number of students like to study English and Mathematics?	

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ANSWERS

Q1.	A	Q2.	B	Q3.	A
Q4.	D	Q5.	A	Q6.	A
Q7.	D	Q8.	A	Q9.	B
Q10.	A	Q11.	A	Q12.	B
Q13.	$\dfrac{14}{6}$	Q14.	20.75 Kg Rs 29.4	Q15.	480.0236 sq. cm
Q16.	(i) Mean =287 (ii) Median=33	Q17.	(i) Burger (ii) 55 (iii) 1:5 (iv) Boys-pasta Girls-pizza	Q18.	(i) 8 (ii) 16 (iii) $\dfrac{4}{6}$ (iv) 24