INDIAN SCHOOL AL WADI AL KABIR

Post Mid-Term Examination (2023-24)

Class: VI Sub: MATHEMATICS

REVISION PAPER

Instructions:

Section A: Multiple Choice Questions (Q.1 to Q.6)

Section B: Source based questions (Q.7 to Q.11)

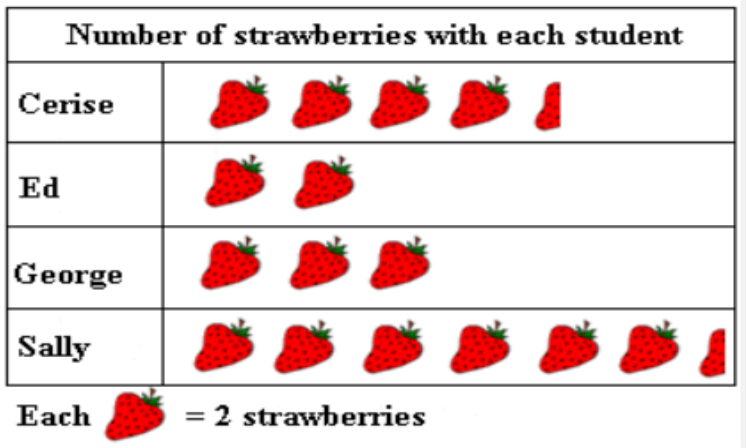
Section C: Long Answer Questions (Q.12 to Q.15)

Section D: Case study Questions (Q.16 to Q.17).

Section A: Multiple Choice Question (Q.1 to Q.6) of **1** mark each								
1.	The measure of one complete angle is:							
	A	$180°$	**B**	$360°$	**C**	$90°$	**D**	$0°$
2.	Name the triangle, ΔABC with $\angle B=90°$							
	A	Isosceles triangle	**B**	Obtuse triangle	**C**	Right triangle	**D**	scalene Triangle
3.	Varun withdrew an amount of ₹ 2000 from his bank account. The integer that represents this statement is:							
	A	$(+2000)$	**B**	$-(-2000)$	**C**	(-2000)	**D**	(2000)
4.	The name of the polygon which is having 10 sides:							
	A	Decagon	**B**	Nonagon	**C**	Pentagon	**D**	Heptagon
5.	Greatest negative integer between (-9) and 4 is:							
	A	0	**B**	(-8)	**C**	(-1)	**D**	3
6.	The additive inverse of (-10) is:							
	A	(-9)	**B**	0	**C**	$(+1)$	**D**	$(+10)$

Section B: Source based questions (Q.7 to Q.11) **1** mark each

The four friends Cerise, Ed, George and Sally went to the market and bought strawberries. Observe the following pictograph and answer the questions:



7. Which child is having greater number of strawberries?

	A	Cerise	**B**	Ed	**C**	George	**D**	Sally

8. How many strawberries are there with Ed and George together?

	A	1	**B**	5	**C**	10	**D**	3

9. From the given pictograph, how many strawberries do Sally have?

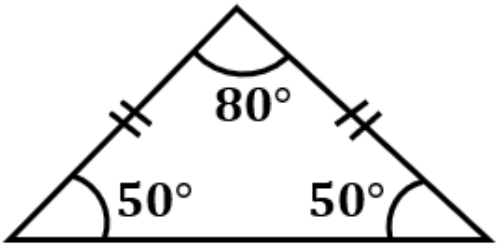
	A	12.5	**B**	13	**C**	7	**D**	8

10. How many more strawberries Cerise have than George?

	A	2	**B**	1	**C**	3	**D**	5

11. Find the number of strawberries with the four children altogether?

	A	32	**B**	14	**C**	16	**D**	15

	Section C: Long Answer Questions (Q12 to Q.15)
12.	A die is thrown 25 times and the scores are recorded as follows: (2 marks) **6, 4, 2, 1, 4, 3, 2, 3, 2, 1,** **5, 4, 4, 2, 6, 3, 4, 2, 5, 1,** **4, 2, 6, 4, 5, 5, 4, 4, 2, 6** Arrange the data in a frequency table using tally marks.
13.	Based on the sides and angles, name the given triangle in two different ways: (2 marks) 
14.	Evaluate: (3 marks) a) (– 27) + 14 + (– 9) + 16 b) (– 7) – (– 8) – (– 90)
15.	Find as directed: (4 marks) A) Where will the hour hand of a clock stop if it starts: (i) from 7 and turns through 1 right angle? (ii) from 11 and turns through 3 right angles? B) Which direction will you face if you start facing (i) West and make 1 of a revolution clockwise? (ii) East and make one and half revolution?

Section D: Case study (Q.16 & Q.17) of **4**marks each

16. **Case Study-1:**

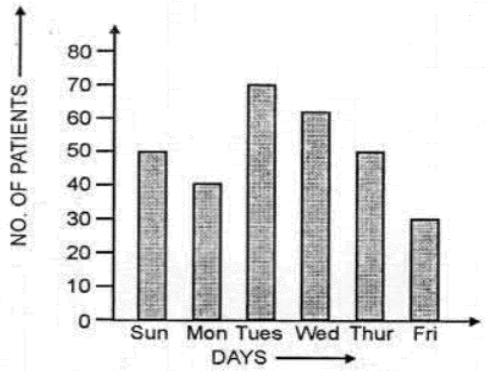
Case study: Gayatri, Haza and Jovan are friends. They planned to go for Himalaya trekking. On the way they stayed in the basement camp. The following are the temperature showed in different timings of that day:

Time	Temperature
4 am	−2°C
7 am	+4°C
12 noon	+11°C
5 pm	+7°C

i) If the temperature at 4 am is (−2°C), then what is the additive inverse of it?
ii) At what time, temperature was the highest?
iii) At what time, temperature was the lowest?
iv) What was the temperature difference between 4 am and 7 am?

17. **Case Study-2:**

The given bar graph shows the number of patients, examined by Dr. V.K. Bansal on different days of a particular week.
Use the bar graph to answer the following questions:



i) On which day were the maximum number of patients examined?
ii) On which days were equal number or patients examined?
iii) On which day were the least number of patients examined?
iv) How many more students were examined on Monday than on Friday?

ANSWERS

1.	B	**2.**	C	**3.**	C	**4.**	A
5.	C	**6.**	D	**7.**	D	**8.**	C
9.	B	**10.**	C	**11.**	A	**12.**	Frequency table
16.	(i) (+2°C), (ii)12 noon (iii) 4 am (iv) (+6°C),						
17.	(i) Tues (ii)Sun, Thur (iii) Fri (iv)10 more						