DAV PUBLIC SCHOOLS, ODISHA ZONE

NAME OF THE EXAM: HALF YEARLY EXAMINATION, 2023-24
SUBJECT : MATHEMATICS, CLASS : IV

MARKING SCHEME

QSTN NO	VALUE POINTS	MARKS ALLOTTED	PAGE NO. OF DAV TEXT BOOK
Q. 1.	**Fill in the blanks.**	**10**	
(a)	0	1	Page No. 36
(b)	False	1	Page No. 16
(c)	250	1	Page No. 32
(d)	2	1	Page No. 100
(e)	Acute	1	Page No. 100
(f)	100	1	Sum More Page No. 118
(g)	15,000	1	Sum More Page No. 37
(h)	6840	1	Sum More Page No. 28
(i)	32,500	1	Sum More Page No. 21
(j)	20916	1	Sum More Page No. 10
Q.2.	**Choose the correct option.**	**5**	
(a)	(ii) 22	1	Page No. 48
(b)	(i) 500	1	Page No. 16
(c)	(i) arms	1	Page No. 95
(d)	(ii) 90	1	Page No. 108
(e)	(iii) 2756	1	Page No. 52
Q.3.	**Answer the following.**	**12**	
(a)	$$\begin{array}{r} 345000 \\ - \ \underline{234567} \\ 110433 \end{array}$$ checking $$\begin{array}{r} 110433 \\ + \ \underline{234567} \\ 345000 \end{array}$$	1 1	Page No. 27

(b)	Each correct order carries 0.5 mark	0.5×4=2	Page No. 15
(c)	437 x 641 437 + 17480 262200 280117	 0.5 0.5 0.5 0.5	Page No. 34
(d)	1km = 1000 m 29056 ÷ 1000; Quotient = 29 Remainder = 56 So, 29056 m = 29 km 56 m	0.5 0.5 0.5 0.5	Page No. 54

(e)	Breadth = 18 cm
	Length = 2 x 18 cm = 36 cm
	Perimeter = 2 x (length + breadth)
	        = 2 x(36 cm + 18 cm)
	        = 2 x 54 cm
	        = 108 cm
		
		0.5
		0.5
		
		0.5
		0.5
			Page No. 110

(f)	6287 ÷ 12 Quotient = 523 Remainder = 11 Divisor x Quotient + Remainder = 523 × 12 + 11 = 6287	 0.5 0.5 0.5 0.5	Page No. 44
OR	Product of two number = 5301 One of the number = 93 So the other number = 5301÷93 = 57	 1 1	Page No. 46
Q.4.	**Answer the following questions.**	**15**	
(a)	Greatest 5-digit number = 99999 Smallest 6-digit number = 100000 Difference = 100000 – 99999 = 1	1 1 1	Page No. 17
(b)	Angle construction Naming Vertex and Arms	1.5 0.5 0.5+0.5	Page No. 98

(c)	Cost of one dozen banana = Rs. 78 Total cost of 650 dozen banana $= Rs. 78 \times 650$ $= Rs. 50,700$	1 2	Page No. 39
(d)(i)	Total amount of money given by Ram and Krishna = Rs.2150 + Rs. 1500 $= Rs. 3650$ Appropriate Value	1 1 1	Page No. 31
(e)	Number of shelves required to keep 4116 books $= 4158 \div 42$ $= 99$	1 1+1	Page No. 47
Q.5.	**Answer the following questions.**	**8**	
(a)	Length of the farmhouse = 65 m Breadth = 40 m Perimeter $= 2 \times$ (length + breadth) $= 2 \times (65 \text{ m} + 40 \text{ m})$ $= 2 \times 105 \text{ m}$ $= 210 \text{ m}$ Cost of fencing at Rs. 15 per m $= 210 \times 15$ $= Rs. 3150$	0.5 0.5 0.5 0.5 1 0.5 0.5	Page No. 110
(b)	Height climbed by the ant = 8 m 50 cm distance it came down on the wall $= 4 \text{ m } 75 \text{ cm}$ Distance of the ant from the starting point $= 8 \text{ m } 50 \text{ cm}$ $- \underline{\ 4 \text{ m } \ 75 \text{ cm}\ \ \ }$ $\quad 3 \text{ m } 75 \text{ cm}$ 3 m 75 cm = 375 cm	 1 1 1 1	Page No. 56
OR	Height of the tower painted black = 15 m 50 cm Height of the tower painted red = +15 m 75 cm Height of the tower painted white= +20 m 25cm Total height of the tower = 51 m 50 cm 51 m 50 cm = 5150 cm	1 1 1 1	Page No. 56