

**Matoshri Education Society's
Matoshri Academy, Eklahare, Nashik
Assesment-1 2019-20 STD-IV CBSE**

R. No _____ Name: _____ Div: _____ Date _____

Supervisors Sign:- _____ Examiners Sign : _____

Time :3 Hours

SUB:MATHS

Marks -80

COMP	FNC (15)	UBC (20)	AIC (20)	PSA (15)	AOK (10)	Total (80)	Tr's sign
MARKS							
GRADE							

I. FORMING NUMBERS CORRECTLY (15 marks)

SECTION -A

(1) Fill in the blanks (5x1=5)

- a. Arrange **5, 3, 7, 2** to form the smallest 4 digit number _____ and the greatest 4 digit number _____
- b. **1000 + 300 + 4 =** _____
- c. Expand **4287 = 4000 +** _____ **+ _____ + 7**
- d. 1 kilometre = _____ metres and 1 metre = _____ cm
- e. A brick has _____ **faces** and _____ **edges.**

(2) Do as directed (5x2= 10)

(i) Write the place value of 4 in each number.

4 6 0 9	→	
6 3 4 7	→	

(ii) Encircle the pairs of numbers which when added makes more than 500?

- a. 152 and 241
- b. 321 and 192
- c. 420 and 184
- d. 209 and 290

(iii) Express as 24- hours clock time

- a. 3.15 a.m _____
- b. 7.40 p.m _____

(iv) Find the number of days from

a. 12th Feb to 16th Feb → _____

b. 5th Dec to 15th Dec → _____

(v) Convert the following into milliliters (ml). (1 L = 1000 ml)

(a) 5L =

(b) 8.2L =

II. UNDERSTANDING THE BASIC CONCEPTS (20 marks)
SECTION -B

(1) Solve the following:

(5x2=10)

(i) Write these dates in numbers.

a. 1st June 2006 ---- _____

b. 14th November 2008 --- _____

(ii) Write the TIME shown on the clock faces :



(iii) Arrange and add 2319, 1440 and 3712

(iv) Find the difference : 9713 and 3455

(v) $7 \times 9 = 63$: then, $70 \times 90 =$ _____

$7000 \times 9 =$ _____

(2) i) Convert the following into cm.

(5x2=10)

(a) 5m2cm =

(b) 8m35cm =

ii) Add following given lengths

(a) 2m 26cm and 9m 36cm

(b) 14m 39cm and 5m 28cm

iii) Who am I ? (Words game)

My Ones digit is 9

My Tens digit is 7 and my hundreds digit is 5

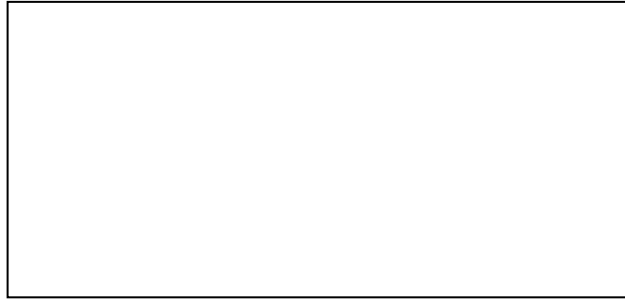
I am the number -----

iv) Write in words.

1. 1989

2. 2999

v) Draw a Floor Pattern



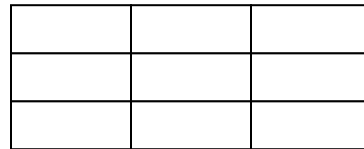
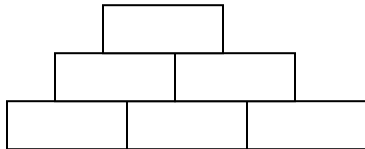
III.ABILITY IN COMPUTATION (20 marks)

SECTION -C

(1) **Do as Directed**

(5x1=5)

(i) Tick the wall that will be **stronger**



(ii) Fill in the suitable measures

700 ml

 +

--

 =

1 Litre

(iii) There are ----- seconds in one hour.

(iv) Name any **Land Mark** which is very near to your school

(v) Fill in: There are 30 days in January. _____ (True / False)

(2) **Find the Answers**

(5x2=10)

(i) **Fill in the missing numbers:**

4	3	<table border="1" style="display: inline-table; width: 20px; height: 20px;"></table>	3
+	<table border="1" style="display: inline-table; width: 20px; height: 20px;"></table>	5	2
6	<table border="1" style="display: inline-table; width: 20px; height: 20px;"></table>	1	3

(ii) Find the difference of: 40 L 380 ML – 27 L 255 ML

(iii) Find the product of :
$$\begin{array}{r} 134 \\ \times 56 \\ \hline \end{array}$$

(iv) Fill in the blanks

Sports	World record	India record
High jump (men)	Javier (2m 45cm)	Chandra pal (2m 17cm)
High jump(women)	Steffi (2m 9cm)	Bobby (1m 91 cm)

(i) Name the person whose high-jump is very close to two and half meters

(ii) Name the person whose high-jump record is the lowest.

(v) Divide and find the Quotient and Remainder

$$74 \div 3$$

(3) Calculate the Denominations and Find the total amount

(5)

Four 100 rupee notes = Rs.
Three 50 rupee notes = _____
Seven 20 rupee notes = _____
Nine 10 rupee notes = _____
Total = _____

IV. Problem solving ability

(15marks)

SECTION -D

(1) Solve the problems with proper statements

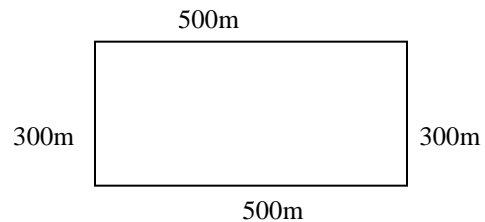
(5x2=10)

(i) If 1 kg iron costs Rs. 12, find the cost of 8 kg iron.

(ii) If 1 kg brass costs Rs. 140, What is the cost of Half Kg. brass?

(iii) A milk booth sold 1284 milk packets on Monday and 1419 milk packets on Tuesday. Find the total number of packets sold on both the days.

(iv) **Find the total length around the field**



(v) A toy train has 164 seats. Find the number of seats in 7 such trains.

(2) Label the dice:

(3)

(a) Top, Side, Front view) and then enter the number of dots visible on each side:

- 1.FRONT.....
- 2.RIGHT.....
- 3.TOP.....



(b) Draw top view and side view of your pencil box.

(2)

Application of Knowledge (10 marks)

(2x5=10)

SECTION -E

1) Ram's rate List:-

Kind of Vegetables	Price per Kg
Potato	Rs 12
Onion	Rs 20
Tomato	Rs 35
Cauliflower	Rs18
Pumpkin	Rs 10

Find the cost of following items:-

- (a) 2kg Potato.....
- (b) 8 kg Tomato
- (c) 0.5 kg Cauliflower
- (d) 1.5 kg Onion
- (e) 2 kg pumpkin

2) Show the different ways to make rs.100 .use more of the higher values notes .

	Number of notes of				
	Rs. 20	Rs. 10	Rs. 5	Rs. 2	
Rupees 100					Use only Rs.20 and Rs.10
					Use only Rs.5 and Rs.10
					Use only Rs.20 and Rs.2
					Use only Rs.2,Rs 5 and Rs.10
					Use only Rs.20 and Rs.5

ANSWER KEY- QUESTION PAPER

PART – I- FORMING NUMBERS CORRECTLY

- | | |
|---|-------------------------------|
| 1. A. 2357, 7523, | $1\frac{1}{2} + 1\frac{1}{2}$ |
| B. 1304 | 1 |
| C. 200 + 80 | $1\frac{1}{2} + 1\frac{1}{2}$ |
| D. 1000, 100 | $\frac{1}{2} + \frac{1}{2}$ |
| E. 6, 12 | $\frac{1}{2} + \frac{1}{2}$ |
| 2. 10 MARKS: | |
| A. 4000, 40 | 1, 1 |
| B. $321 + 192 = 513$
$420 + 184 = 604$ | 2 PAIRS 1, 1 |
| C. 03: 15 HRS, 19:40 HRS | 1, 1 |
| D. 8CM, 6 CM | 1, 1 |
| E. 5, 11 | 1, 1 |

PART II– UNDERSTANDING THE BASIC CONCEPTS:

- | | |
|---|---|
| 1. A. 1 – 6 – 06 | |
| B. 14-11-08 | |
| 2. A. 9:30 | |
| B. 7:15 | |
| 3. A. ARRANGING THE NUMBERS | |
| B. SUM → 7471 | |
| 4. A. ARRANGING THE NUMBERS | |
| B. DIFFERENCE → 6258 | |
| 5. A. 6300 | |
| B. 63000 | |
| 2. I. JOINING A, B, C | 1 |
| II. MEASURING EACH SEGMENT | 3 |
| III. NAME THE FIGURE-- TRIANGLE | 1 |
| 3. I. DRAWING THE CIRCLE OF 4 CM RADIUS | 2 |
| II. NAMING THE CENTRE | 1 |
| III. NAMING THE RADIUS | 1 |
| IV. NAMING THE DIAMETER | 1 |

PART III - ABILITY COMPUTATION

- | | |
|-----------------------------------|-------------------------------------|
| 1. TICK THE WALL THAT IS STRONGER | |
| FIRST ONE | 1 |
| 2. 300 ML | 1 |
| 3. COMPASS, BANGLE, CD | ANY TWO $\frac{1}{2} + \frac{1}{2}$ |
| 4. AVIN BOOTH, STADIUM ANY ONE | |

5. FALSE 1

$$\begin{array}{r}
 2. \quad I \quad 4 \quad 3 \quad \underline{9} \quad 3 \\
 \quad \quad + \quad \underline{2} \quad 5 \quad 2 \quad \underline{0} \\
 \hline
 \quad \quad 6 \quad \underline{9} \quad 1 \quad 3 \\
 \hline
 \end{array}$$

EACH NUMBER $\frac{1}{2}$ $\rightarrow 4 \times \frac{1}{2} = 2$

$$\begin{array}{r}
 II \quad L \quad \quad ML \\
 \quad 40 \quad \quad 380 \\
 \quad 27 \quad \quad 255 \\
 \hline
 \quad 13 \quad \quad 125 \\
 \hline
 \end{array}$$

ARRANGING $\frac{1}{2}$

ANSWER $1 \frac{1}{2}$

3. PRODUCT 7504

2

4. I. JAVIER III. BOBBY

$1+1=2$

5. $74 - 3 \quad Q = 24 \quad R = 2$

2

III. $400 + 150 + 140 + 90 = 780$

EACH STEP 1 MARK 5

PART- IV- PROBLEM SOLVING ABILITY

- 1. $12 \times 8 = 96$ 2
- 2. $140 - 2 = 70$ 2
- 3. $1284 + 1419 = 2703$ 2
- 4. $500+300+500+300 = 1600 M$ 2
- 5. $164 \times 7 = 1148$ 2

SHADING

A. $\frac{3}{4}$ B. 4 RECTANGLES C. 6 DESIGNS D. HALF CIRCLE E. 2 DESIGNS \rightarrow EACH 1 5

BLUE PRINT**I. VALUE POINTS****WRITTEN 70
ORAL 30**

<i>WEIGHTAGE OF COMPETENCIES</i>	<i>SOURCE OF QUESTIONS</i>	<i>VSA (1)</i>	<i>SA (2)</i>	<i>LA (5)</i>	<i>TOTAL</i>
<i>FORMATION OF NUMBERS</i>	<i>BASED ON RECOGNITION AND QUALITATIVE DESCRIPTION OF NUMBERS</i>	5	5	-	15
<i>UNDERSTANDING BASIC CONCEPTS</i>	<i>BASED ON THE ABILITY TO UNDERSTAND BASIC CONCEPTS</i>		5	2	20
<i>ABILITY IN COMPUTATION</i>	<i>BASED ON THE ABILITY TO MAKE QUICK AND CORRECT CALCULATIONS</i>	5	5	1	20
<i>PROBLEM SOLVING ABILITY</i>	<i>BASED ON THE CHILD'S ABILITY SOLVE DAY TO DAY PROBLEMS</i>		5	1	15
<i>ORAL</i>	<i>ORAL TEST: 30</i>				
	<i>READING TIME FROM CLOCK – ADDITION – SUBTRACTION – MULTIPLICATION – DIVISION – USAGE OF M, KM, KG, G, AND READING NUMBERS.</i>				

TOTAL 100