SAINT JOHN'S ACADEMY, ALLAHABAD

CLASS …….. SEC……. RECAPITULATION WORKSHEET 2014 – 2015

**ABACUS** LEVEL 1

NAME : \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ ADM.CODE\_ \_ \_ \_ \_\_ \_ \_ ROLL NO.\_ \_\_ \_

 **[TO BE DONE ON THE SHEET ONLY]**

**1) Place the value on the bar :**

4

9

7

6

**2) Write the friends of :**

 5

 2

 5

 1

 5

 4

**3) Write the value of beads :**

**4) Abacus calculation :**

1

1

5

1

2

5

5

2

– 1

4

– 2

1

1

2

– 3

**5) Label the parts of Abacus :**



\*-\*-\*-END-\*-\*

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**ABACUS** LEVEL 2

NAME : \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ ADM.CODE\_ \_ \_ \_ \_\_ \_ \_ ROLL NO.\_ \_\_ \_

 **[TO BE DONE ON THE SHEET ONLY]**

**1) Write the Small Friend formula :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 4 =  |  |  | – 1 = |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 1 =  |  |  | – 3 = |  |

|  |  |
| --- | --- |
| + 2 =  |  |

**2) Draw the beads for the given value :**

28

47

59

68

35

**3) Write the Big Friend formula :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 1 =  |  |  | − 3 =  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 6 =  |  |  | – 2 = |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 2 =  |  |  | – 5 = |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 8 =  |  |  | – 4 = |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 3 =  |  |  | – 9 = |  |

**p.t.o**

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**4) Mental calculation :**

6

– 5

3

8

– 2

– 5

2

– 1

3

3

2

– 5

2

2

4

**5) Abacus calculation :**

2 9

– 7

3

3 6

– 8

– 9

3 0

– 6

8

2 5

8

4

1 6

– 1

8

\*-\*-\*end-\*-\*

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**ABACUS** LEVEL 3

NAME : \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ ADM.CODE\_ \_ \_ \_ \_\_ \_ \_ ROLL NO.\_ \_\_ \_

 **[TO BE DONE ON THE SHEET ONLY]**

**1) Write the combination formula :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 8 = |  |  | + 9 = |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| – 6 = |  |  | – 8 = |  |

|  |  |
| --- | --- |
| – 7 = |  |

**2) Mental calculation :**

2

5

7

1

8

7

– 4

2

– 3

9

5

9

6

4

1

8

– 4

9

– 6

7

2

5

4

8

3

**3) Multiplication :**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 8 | **X** | 3 | **=** |  |  |  |  |  | 2 | **X** | 3 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 7 | **X** | 8 | **=** |  |  |  |  |  | 4 | **X** | 2 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 4 | **X** | 0 | **=** |  |  |  |  |  | 5 | **X** | 7 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5 | **X** | 2 | **=** |  |  |  |  |  | 2 | **X** | 9 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 3 | **X** | 6 | **=** |  |  |  |  |  | 8 | **X** | 5 | **=** |  |

**4) Abacus calculation :**

2 4

3

6 5

– 1 7

8 0

– 9

2 8 5

6 4 1

4 0 8

7 3 6

3 9 7

6 4 2

9 1

– 7 5

8

– 2 0

6 4

3

\*-\*-\*\*

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**ABACUS** LEVEL 4

NAME : \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ ADM.CODE\_ \_ \_ \_ \_\_ \_ \_ ROLL NO.\_ \_\_ \_

 **[TO BE DONE ON THE SHEET ONLY]**

**1) Complete the formula :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 6 =  | + 1 \_\_\_\_\_\_\_ + 10 |  | − 8 =  | – 10 \_\_\_\_\_\_ – 3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| + 7 =  | \_\_\_\_\_\_ – 5 + 10 |  | – 6 = | – 10 \_\_\_\_\_\_ – 1 |

|  |  |
| --- | --- |
| + 9 =  | + 4 – 5 \_\_\_\_\_ |

**2) Abacus calculation :**



4 2

1 0 0

– 9 8

2 1 3

8 3

9 0 0

– 9 0

– 8 9

3 1

+ 4 4 4

– 3 6 8

+ 4 3 1



 4 9

1 8 3

5 6 8

– 2 0 9

2 4

9 3 8

– 3 3 5

2 0 6

**3) Multiplication :**

5 9 X 8= \_\_\_\_

9 0 X 7 = \_\_\_\_

8 9 X 4= \_\_\_\_

6 0 X 9 = \_\_\_\_

3 6 X 9 = \_\_\_\_

\*-\*-\*-END-\*-\*

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**ABACUS** LEVEL 5

NAME : \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ ADM.CODE\_ \_ \_ \_ \_\_ \_ \_ ROLL NO.\_ \_\_ \_

 **[TO BE DONE ON THE SHEET ONLY]**

**1) Abacus calculation :**

6 2 8

9

1 7 3

7 8 4

2

6 5

7

4 1

9 0

4 3 8

5

– 5 9

7

– 3 2 4

8 1

– 2

9 1 6

7 0

6 7 5 4

2 0 9 8

– 8 7 1 9

2 4 0 5

1 5 4 6

6 0 2 9

1 5 8 0

5 3 4 7

– 8 6 1 9

7 2 4 3

5 4 3 1

7 2 6 8

4 0 9 5

9 8 0 6

3 1 7 2

**2) Mental calculation :**

4

9

– 6

3

6

– 5

7

– 8

1

3

7

5

8

2

5

1

9

4

3 7

4 8

5 9

7 0

9 2

– 5 7

8 1

– 6 4

1 6

7 3

4 0

3 2

**3) Multiplication (Mental) : 4) Division (Mental) :**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 939 | **X** | 4 | **=** |  |  |  |  |  | 228 | **÷** | 6 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 803 | **X** | 2 | **=** |  |  |  |  |  | 392 | **÷** | 8 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 109 | **X** | 7 | **=** |  |  |  |  |  | 385 | **÷** | 5 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 417 | **X** | 9 | **=** |  |  |  |  |  | 462 | **÷** | 7 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 925 | **X** | 6 | **=** |  |  |  |  |  | 164 | **÷** | 4 | **=** |  |

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**ABACUS** LEVEL 6

NAME : \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ \_ \_ \_ \_ \_\_ \_ \_ \_ ADM.CODE\_ \_ \_ \_ \_\_ \_ \_ ROLL NO.\_ \_\_ \_

 **[TO BE DONE ON THE SHEET ONLY]**

**1) Abacus calculation :**

1 7 0 5

6 9 8 4

– 2 3 1 7

8 0 5 6

7 4 9 2

– 3 8 6 0

4 1 2 9

5 1 7 8

3 4 9 0

6 0 2 1

7 8 3 5

1 9 4 6

2 7 8 5

9 2 0 4

9 2 1 4

3 5 7 0

– 1 4 2 9

5 8 0 6

7 3 4 1

– 6 0 9 5

8 7 3 2

3 5 0 1

6 7 4 8

2 0 9 5

1 4 3 7

5 9 8 0

4 6 1 2

8 3 7 9

4 0 2 8

7 9 1 5

– 6 2 3 0

5 8 4 1

3 5 9 7

– 1 2 0 6

8 4 7 9

**2) Mental calculation :**

1 6

7 2

8 5

4 0

3 9

5 8

6 5

– 2 3

7 0

1 8

– 4 7

9 6

7 8

4 9

2 0

6 1

3 5

8 2

9 2

– 7 5

3 6

8 0

– 1 7

6 4

7 0

6 3

2 4

9 1

8 0

5 9

**3) Multiplication (Mental) : 4) Division (Mental) :**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 6534 | **X** | 3 | **=** |  |  |  |  |  | 3222 | **÷** | 6 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 1729 | **X** | 6 | **=** |  |  |  |  |  | 2335 | **÷** | 5 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 5006 | **X** | 7 | **=** |  |  |  |  |  | 4249 | **÷** | 7 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6553 | **X** | 4 | **=** |  |  |  |  |  | 1914 | **÷** | 2 | **=** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 6034 | **X** | 3 | **=** |  |  |  |  |  | 3060 | **÷** | 4 | **=** |  |

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