**KENDRIYA VIDYALAYA TAMENGLONG**

**SUMMATIVE ASSESSMENT-II, 2015-16**

**MATHEMATICS**

TIME: 2hrs CASS- IV Max.Mark:60

Name: …………………………. Roll no: …………………

Class: ……………… Date:

Sign. Of Invigilator Sign. Of Checker

Sign of Evaluator

GRADE SHEET

|  |  |  |  |
| --- | --- | --- | --- |
| COMPETENCIES |  | MARKS  OBTAINED | GRADE |
| KNOWLEDGE | 15 |  |  |
| UNDERSTANDING | 15 |  |  |
| ABILITY TO  COMPUTE | 15 |  |  |
| PROBLEM SOLVING | 15 |  |  |
| GRAND TOTAL  WEIGHTAGE | 60  30 |  |  |

**KNOWLEDGE (15)**

Answer the following Question: (1x3=3)

1. How many centre/centres dose a circle have? ................................

2. What do we called the lower part of a fraction? …………………………..

3. How many grams make 1 kilogram? ………………………………………………

4. Fill in kilogram or grams: (1x3=3)

i). My friend weights 25 ……………

ii). A tube of fevistick weights 100 ……………….

iii). A sack of rice weights 30 ………………………

5. Put an arrow downwards ( ) to show the side which weights more: (1x1:1)

6. Draw the given fraction in a Whole and a collection: (2x2=4)

a) WholeCollection

b)

7. Calculate the perimeter of a figure the square is 1 cm square: (2x1:2)

|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

……….. cm

8. There are 36 children. of them are boys. How many children are girl? (2x1=2)

Soln:

**UNDERSTANDING (15)**

9. Which sign should come in the blanks to get the given result ( +, -, ÷ ) (1x2=2)

a) 120 ………… 150 = 100

b) 81 ………….. 9 = 9

10. Take the pattern forward : (1x1=1)

220, 240, 160,……….., ……….., …………

11. To make a top spin well, where will you make the hole? ........................ (1x1=1)

12. Name two round things …………………………………………………………. (1x1=1)

13. Find the sum: (2x2=4)

a) 13 kg 750 g b) 45 kg 250 g

+ 24 kg 500 g- 38 kg 500 g

12. Do Division: (2x1=2)

4230 ÷ 4

13.420 Oranges were shared equally by 7 friends. How many oranges did

each get? (2x1=2)

Soln:

13. Complete the number: (2x1=2)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 5 | 3 | 9 | 2 | 6 |

**ABILITY TO COMPUTE (15)**

14. Fill in the blank: (1x5=5)

a) 5x5+5 = …………………

b) 100 + 200 – 50 = ……………

c) 42 ÷ 6 = ………………

d) 9000g =……………. Kg

e) + = ……………..

15. Find the product: (2x1=2)

630

X 245

16.Convert into Kilogram: (2x1=2)

64538 g

Soln:

17.Find the perimeter and exoress in Centimetres and Metres: (2x1=2)

60cm

45cm 45cm

60cm

………cm

……….m……….cm

18. Chart representing favorite extra-curricular subject of class 1V. (4x1=4)

1 = 5 Children

Cass iv's favourite extra-curricular subject

|  |  |
| --- | --- |
| Dancing |  |
| Singing |  |
| Art |  |
| Woodcraft |  |

Use the pictograph to answer the following questions:

a) How many children like dancing? ............................

b) How many more students prefer singing to Art? ..........................

c) How many children like wood- craft? ............................

d) Which extra-curricular subject is the least popular? ................................

**PROBLEM SOLVING (15)**

18. Tick the correct option: (1x2=2)

1. If one pen cost Rs 12, What is the cost of 15?

i) 12 x 15 ii) 12 + 15 iii) 15 - 12 iv)15 ÷ 12

2. A chair has 4 legs, 10 chair will have ...................legs.

i) 30 ii) 40 iii) 50 iv) 60

19. Find the secret massage: (1X1=1)

5B5E5S5T5O5F5L5U5C5K5....................................................................

20. Observe the number: (2x1=2)

1 x 9 + 2 = 11

12 x 9 +…….. = 111

………. x 9 + ………. = ………..

…….... x ……….. + ………..= …………

21. Draw a circle of radii 3.5 cm (2x1=2)

22.There are 954 buttons in a one packet. How many buttons will there be in 374

such packets? (2x1=2)

Soln:

21. Divide and write the Dividend,Divisor,Quotient and Remainder: (2x1=2)

963 ÷ 2

Soln:

22.Fill the column : (4x1=4)

|  |  |
| --- | --- |
| Radius | Diameter |
| 14cm |  |
|  | 12cm |
| 8cm |  |
|  | 9cm |

…………………………………………..