**KENDRIYA VIDYALAYA TAMENGLONG**

**SUMMATIVE ASSESSMENT-II, 2016-17**

**MATHEMATICS**

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

Name: …………………………. Roll no: …………………

Class: ……………… Date:

Sign. Of Invigilator Sign. Of Checker

Sign of Evaluator

GRADE SHEET

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

**KNOWLEDGE (15)**

**V.S.A**1X3=3

1. How many direction are there?

.........................................................

2. Area of Square =....................................................

3. Area of rectangle =.......................................................

4. Write the decimal- 1x2=2

i) Two Tenths....................................

ii) Four decimal three two one.......................................

5. Draw a square having all its sides of 4cm. 2x1=2

6. Draw a floor map- 2x1=2

7. Solve the following- 2x2=4

i) 23.43+ 10.71 + 26.42 ii) 64.234 - 48.610

8. If the capacity of one bottle is 20.5 liters then find the capacity of

7 such bottles. 2x1=2

Soln-

**UNDERSTAND (15)**

9. The Central Hexagon 4X1=4

Find out from the map-

i) How many side does a Central Hexagon has?....................................

ii) If you are walking on Rajpath then after India gate on which side would

Children's Part be? ......................................................................

iii) Which of the road make the biggest angle between them?

a) Man Singh Road and Shanjahan Road

b) Ashoka Road and Man Singh Road

c) Janpath and Rajpath

iv)Which of the above pair of road cut at right angles?

…………………………………………………………………………………

10.Arrange in ascending order- 1x1=1

11.430, 11.134, 11.403, 11.304

...........................................................................

11. Write the missing operation -, x + 1x2=2

i) 330 \_\_\_\_\_ 10 = 33

ii) 575 \_\_\_\_\_205 = 370

12. Compare and fill in with >, < or = 1x2=2

i) 225 ÷ 5 \_\_\_\_\_\_ 9x5

ii) 90 + 20 \_\_\_\_\_ 150 - 40

12.Find the peramiter and of the following- 1x2=2

16cm

6cm 6cm

16cm

Length=…………...cm

Breadth=………………cm

Perimeter=……………….cm

13. The pie chart shows the favorite fruit of the students of class V. 2x1=2

1.Which fruit is the most favorite? ……………………………

2.Which fruit is the least favorite? …………………………...

14. The perimeter of a rectangle is 100 cm and its length is 30 cm. What

is the breadth of the rectangle? 2x1=2

Soln:-

**ABILITY TO COMPUTE (15)**

15.Fill in blink- 1x3=3

i) 360x2 =……………….

ii) 150 + 150 -200= ………….

iii) 14.4 + 5.3= ………………….

16. Find the product- 2x1=2

64.52

X 2.3

17. Estimate the product of the nearest Ten by rounding the first factor up and

Second factor down. 2x1=2

57 x 72= ………………….

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

18. Division- 2x1=2

934 ÷ 9

19. A water tank is 5.5m long,3m wide and 3.5m deep. How many cubic metres

of water can it hold. 2x1=2

Soln:

20. Complete the table- 4x1=4

|  |  |  |  |
| --- | --- | --- | --- |
| Sl no. | Length= Area ÷ Breadth | Breadth =  Area ÷ Length | Area= Length x Breadth |
| 1 | 18m | 10 |  |
| 2 |  | 20 | 400m2 |
| 3 | 40 |  | 160m2 |
| 4 | 20m | 12 |  |

**PROBLEM SOLVING(15)**

20. Tick the right answer- 1x2=2

a) The area of a square of side 16cm will be

i)32cm2 ii) 356cm2 iii) 256cm2

b) A rectangular plot is 20m by 15m in dimensions, its area will be

i)300 m2ii) 300m iii) 30m2

21. Fill in the blank- 1x3=3

i) 550 ÷ 5= ………………….

ii)The volumn of cube of 2cm edges is ……………………

iii) A match box measures 5cm x 3cm x 2cm. Find its volumn.

22. Divide and check your resuelts- 2x1=2

438 ÷ 9

23. Rahul can read 61 pages of a book in one day. How many pages can

be read in 28 days? 2x1=2

Soln:-

24. Estimate by rounding to the nearest ten– 2x1=2

4 1

X 3 1

25. Showing the bar graph of different mode of employees in a certain

office 4x1=4

Read the bar graph carefully and answer the following questions:

1. How many employees use the train? ………………………...
2. Which mode of transport is most used?.............................
3. Which mode of transport is used the least by the

employees?................................

1. How many employees walk to office?............................

……………………………………..