Score Card

Name of the student:

_____

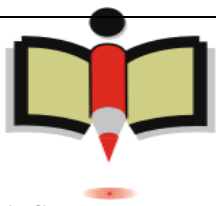Level   : _____

For the use of Math bee coordinator ONLY:

Section A&B Score   : _____

Section C Score   : _____

Total score   : _____

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Section-A :-   (15 questions – Multiple Choice)

Circle the correct answers for the following questions 1 - 15:-

1.   This year Ram is 9 years old and his brother is 21 years old. How many years ago was Ram'brother three times his age?

 a) 3   b) 6   c) 4   d)5

2. Peter's age this year is a multiple of 5 and more than 30.Next year his age will be a multiple of 7.How old will Peter be next year ?

a) 21years   b) 63years   c) 56 years   d) 42 years
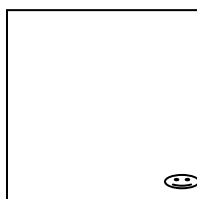
3. A factory manufactures different toys and paints different colors on toys in this order.

        Every 8th toy with red.
        Every 9th toy with blue.
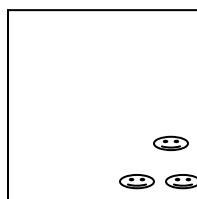   Every 12th toy with green.

Since the beginning of the month factory produced 100,000 toys. How many toys are painted with red and green without blue?

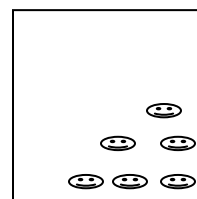a)   4166   b) 1388   c)   2800   d) 2778

4. Please look carefully the pattern of smiley faces in the cards.

1St card   2nd Card   3rd Card

How many smiley faces are drawn in 10th card ?

 a) 40   b) 56   c) 55   d) 10

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5. People are standing in a straight line, equidistant from one another for a move tickets. The distance between 1st and 7th person is 42 . Find the distance between 1st and 50th person.

a) 294   b) 343   c) 300   d) 350

6. Mrs. Lakshmi bought some eggs from the Market . She used 1/3 of the eggs and she gave 10 eggs to her neighbor . After that she had left with half of the eggs she purchased. How many eggs Mrs. Laskshmi bought from the Market ?

a) 60   b) 50   c) 30   d) 70

7. A big wooden cube weighs 80 lbs. There is a smaller wooden cube made of exactly same wood as big one. The small cube side is exactly half of big wooden cube. How much smaller cube weighs?
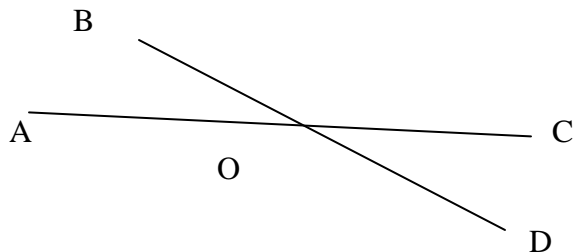
a) 20 lbs   b) 10 lbs   c) 10 cc   d) 40 lbs

8.)

Find the angle between hours hand and minutes hand when time is 8:45 pm.

a) 10   b) 15   c) 7.5   d) 5

9.

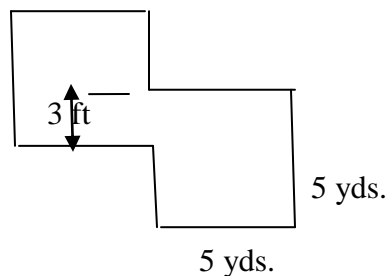The size of ∠ AOD is five times the size of ∠ DOC .
What is the value of

∠ **AOB**   + ∠ **DOC** = ?

a)   60   b) 80   c) 40   d) 100

10. A piece of ribbon   measures a 72 cms width by 6 cm length. It is then cut along its
width into six pieces.   Three of the pieces each have a length twice that of each other
three pieces. What is the total perimeter of the six pieces of the ribbon?

a) 84   b) 216   c) 184   d) 244
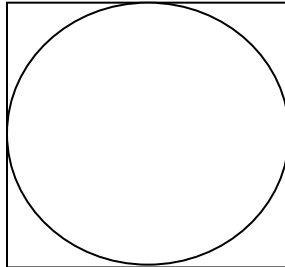
11.   .

3 ft

5 yds.

5 yds.

A Playground is constructed with two equal square shapes (as shown in figure above)
with side 5 yards.

Find the perimeter of the play area .
(Hint: 1 yd = 3 ft)

a) 34 yd   b) 38 yd   c)   40 yd   d) 36 yd B

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12.

The figure shows a circle inscribed in a square touching all the four sides. If the side of the square is 10m, what is the circumference of the circle?

a) 5π b) 10π c) 100π d) 75π

13. Mr. Hari paid a total of $26.00 for 6 mangos and 4 oranges. Each mango cost 1.5 times more than orange. Find the cost of each mango.

a) $2   b) $3   c) $1   d) $4

14. A piece of cloth, 5m 25cm is cut into 3 pieces. The first piece is three times as long as second one. And third one is one third of the first one. What is the length of first piece?

a) 1m 50cm b) 3m 5 cm c) 315 m   d) 3m 15cm

15. In a competition, 50 students took Math Bee test and 35 students took Spelling Bee test. If 64 students attended either or both the tests, how many students attend both Bees?

a) 18   b)   21   c) 30   d)   15

Section -B: (10 Questions - Fill in the blanks)

Fill in the blank with the correct answer 16- 25

16) What are the two numbers if the sum of the two numbers is 6.5 and product is 9 .

_____

17) Mary has only 5c and 7c stamps. If she needs 31c postage she can use three 7c stamps and two 5c stamps. What is the amount of postage between 20c and 30c that Mary cannot make to send a letter?

_____

18) The time in Boston is 3 hours later than California time and 4 hours later than Alaska time. When it is 12 midnight in Alaska, What time it is in Boston?

_____

19) What year in this century, when its digits are written in reverse order, is a year in next century?

_____

20) If Ravi has exact number of quarters , dimes , nickels and pennies. He spent all his money in a grocery store. He spent money like :

Milk : $ 2.50   , Cheese: $2.47 , Bread : $2.00.

Please find the number of coins of each type ?

_____

21) Oil poured into a rectangular tank measuring 25 cm by 20 cm by 15 cm until the oil reaches 8cm. The tank then filled with oil of 2500ml. Find out the final height of the oil in the tank.

_____ _____

22) Kathy takes 30 mins to cut a square cake into 6 pieces along the side. At the same rate how long it takes Kathy to cut the cake into 10 pieces?

_____

23) Find the even number between 200 and 300 that is divisible by 5 and 9 ?

_____

24) $125 * 25 * 5 * 2 * 4 * 8 = $ _____

25) Ram writes four digit numbers whose digits are 3, 5, 7 and 9 not necessary in that order. The number is a multiple of 5. The first two digits and the last two digits have same sum. The thousands digit is larger than the hundreds digit. What is Ram's number?

_____

Section-C :-   (5 questions – Challenging)

26)   In the Addition problem below find the value of
 A+B+C+D+E+F.

```
     A  3   4
     B  1   C
+    5  3   D
 -----------------------------
     E  4   F   3
```

Answer: _____

27) If one-fifth of one-tenth of a number is 8, what is the value of one-tenth of one-fifth of the same number?

Answer: _____

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28) A cab driver filled the car with gas every 4 hours. At the 10th filling the hour hand was pointing to the number 9. What is number did the hour hand to point at the 5th filling?

Answer: _____

29) In a group of 5 children, the average weight of the each child was 70 lbs. When a child leaves the group the average weight of each child became 68lbs. what is the weight of the child leaves?

Answer: _____

30) Bill and Cathy are between 13 and 19 years old. Bill is two years older than Cathy. If the digits of Cathy's age are written in reverse order, the new number would be three times as large as Bill's age. How old are bill and Cathy?

Answer: _____