ROUND 1

Question 1:

Which fraction is greater than 1?

$\frac{11}{12}$ $\frac{5}{7}$ $\frac{2}{3}$ $\frac{14}{8}$

Question 2:

$4 : \frac{3}{7} = \ldots\ldots$

The missing fraction is ....

$\frac{28}{3}$ $\frac{3}{28}$ $\frac{12}{7}$ $\frac{7}{12}$

Question 3:

Which of the following expressions equal 8/30?

$\frac{11}{30} - \frac{4}{30}$ $\frac{2}{30} \times \frac{4}{30}$ $\frac{8}{15} : \frac{1}{2}$ $\frac{2}{30} + \frac{6}{30}$

Question 4:

$1m^2 = \ldots\ldots cm^2$

10000   B. 10   C. 100   D. 1000

Question 5:

Which expression is less than 1?

3/4 + 1/2   3/5 + 2/5   2/3 + 1/4   1/3 + 4/5

Question 6:

37 minutes 48 seconds + 29 minutes 36 seconds = ... minutes 24 seconds.
The missing number is ....

65   67   68   66

Question 7:

Which fraction is greater than 24/36?

4/9   B. 9/12   C. 7/12   D. 8/9

Question 8:

Hung has eighteen pens more than Dung.
Dung has one third as pen as Hung. Dung has ....

A. 9 pens   B. 2 pens   C. 3 pens   D. 6 pens

Question 9:

This year, Mai's mother is four times as old as Mai. Four years ago, Mai's mother was thirty years old more than Mai.
This year, Mai is .... years old.
The missing number is ....

A. 6   B. 4   C. 10   D. 8

Question 10:

The greatest fraction in these fractions is ....
  A. 6/7　　　　　　　B. 4/5　　　　　　　C. 3/4　　　　　　　D. 2/3

Question 11:
Fill the suitable answer in the following blank:
.../5 : 3/7 = 28/15

Question 12:

Fill in the suitable answer in the following blank.
3/5 x 2/7 = 6/....

Question 13:

Fill the suitable answer in the following blank.
2/5 : 3/4 = 8/....

Question 14:

Write >, <, =
7/11 .... 9/11

Question 15:

Fill the suitable answer in the following blank.
3/7 + 2/7 + 1/7 = .../7

Question 16:

Spending 80000 dong on buying 5kg apples.
Spending .... dong on buying 7kg apples.

Question 17:

Write >, <, =
5/8 ..... 14/24

Question 18:

Calculate: 5/7 : 4 x 1/3 = ...

Write the solution by fraction in the lowest terms.

Question 19:

Write >, =, <
1 + 1/3 + 1/5 .... 1/2 + 1/4 + 1/6

Question 20:

Let fraction 28/35. If both denominator and numerator of this fraction are decreased by x units then this fraction will equal 3/4. The value of x is ....

Question 21: Find the equal pairs.

28	27	$\frac{24}{7} - \frac{3}{7}$	$324 : 4 : 9 \times 3$
$\frac{15}{39} : \frac{5}{13}$	The value of y such that $2y - 7 = 13$	The value of $2x + 3y$ with $x = 3, y = 4$	The value of $*$ such that $\overline{234\,*} : 5$ and 2
Nine hundred and ninety $-$ nine	7	3	1
999	The arithmetic average of $32; 45$ and 7	0	The number of right angles of a square
18	4	The value of x such that $3x + 7 = 28$	10

$\frac{24}{7} - \frac{3}{7}$	28	7	2
6	The greatest distinct $2 -$ digit number	The value of x such that $3x + 7 = 28$	4
The value of $*$ such that $\overline{32\,*7} : 9$	8	3	The arithmetic average of $32; 45$ and 7
10	$1.23 + 3.21 + 3.56$	The value of $2x + 3y$ with $x = 3, y = 4$	$\frac{35}{10} \times \frac{4}{7}$
18	The number of right angles of a square	The value of y such that $2y - 7 = 13$	98

Question 22:

Order the fractions in ascending order:

$\dfrac{14}{3}$ (1)	$\dfrac{7}{6}$ (2)	$\dfrac{1}{4}$ (3)	$\dfrac{11}{100}$ (4)
7 (5)	$\dfrac{8}{7}$ (6)	$\dfrac{1}{100}$ (7)	$\dfrac{7}{100}$ (8)
$\dfrac{23}{100}$ (9)	$\dfrac{9}{100}$ (10)	$\dfrac{14}{7}$ (11)	$\dfrac{11}{10}$ (12)
$\dfrac{1}{2}$ (13)	$\dfrac{6}{5}$ (14)	$\dfrac{10}{9}$ (15)	$\dfrac{14}{6}$ (16)
$\dfrac{13}{100}$ (17)	$\dfrac{9}{8}$ (18)	$\dfrac{17}{100}$ (19)	$\dfrac{3}{100}$ (20)

$274 \times 4 - 465$	$810 - 400$	70×4	$401 - 124$
$125 \times 5 - 121$	$111 \times 2 \times 3$	$(426 - 287) \times 4 + 164$	$33 \times 10 + 165 \times 2$
$155 + 245$	$1023 - 136 \times 3$	$1404 : 6 + 233 \times 2$	$777 - 456$
$(473 + 563) : 4 + 462$	$(127 + 78) \times 3 + 20 \times 5$	$1180 : 4$	$900 - 450$
$1000 : 2$	$2325 : 5 + 41$	$116 \times 4 + 183$	$167 \times 2 \times 2$

Question 23:

Tom has 1/3 pizza left in the fridge. He eats ¼ of it for his breakfast. What fraction of the original pizza does he have left for lunch?

Answer: ……………….

Question 24:

The quotient of two numbers is 2 and their product is 100. Find the sum of the two numbers.

Answer: The sum is…………..

Question 25:

Jim has 20 apples and oranges. The number of apples is 4 times the numbers of oranges. How many apples does Jim have?

Answer: Jim has ………..apples

Question 26:

There are 38 students in the class 5A. The students can be sit at the 11 tables with no empty seats. There are small table for 3 students and large table for 4 students. How many small tables and large tables in the class?

Answer: There are……….small tables, ………….large tables.

Question 27:

If the area of the smallest square is 12 cm^2 , what is the area of the entire figure?
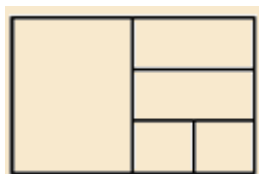
Answer: The area of the entire figure is ………cm^2

Figure:

Question 28:

Each of cars can take 8 people. How many cars are needed to take 124 people?

Answer: …cars

Question 29:

How many integer numbers between 200 and 300 are there for which the hundreds digit equals the sum of the other two digits?

Answer: There are …….integer numbers.

Question 30:

Find the sum of numbers that are greater than 50 in the following table.

Answer: The sum is ……….

32	49	68
50	52	45

Question 31:

If subtracting 19 from the greatest 2-digit number and then dividing the difference by 4. What is the result?

Answer: ……….

Question 32:

What is the perimeter of a rectangle with sides 5cm by 4 cm?

Answer: ……….

Question 33:

The time is 7: 30 a.m. What time will it be after 2hours 30 minutes?
Answer: …………….

ROUND 2

Question 1:

 If the sum of the length and the width of a rectangle is 24 then the perimeter of this rectangle is ....

Question 2:

Compare: 5/2 x 3/7 ..... 15/14

Question 3:

Write $5\frac{1}{6}$ as an improper fraction $5\frac{1}{6}$ = A/6
The result is A = ...

Question 4:

Compare: 2/5 + 1/5 ..... 3/2 x 1/2

Question 5:

Multiply: $5\frac{1}{3} \times 1\frac{3}{5} = \frac{A}{15}$
Answer: A = ...

Question 6:

3/5 of tickets sold at a zoo were child tickets.
If the zoo sold 65 tickets in all then the zoo sold .... child tickets.

Question 7:

If 1/3 + 2/5 x 4/3 = A/B then A = ...

Question 8:

The value of 6 in 56174 is ....

Question 9:

The least common denominator of 1/2; 1/3; 1/4; 1/5; 1/6 is ....

Question 10:

Compare: 1/2 + 3/4 + 5/6 .... 5/4 + 1/6 + 2/3

Question 11:
Which of the following expression equal 67/100?
A. 6/100 + 7/100   B. 7/10 + 7/100   C. 7/10 - 7/100   D. 6/10 + 7/100

Question 12:

The least common denominator of 1/2 and 1/3 is ....
A. 24   B. 12   C. 10   D. 6

Question 13:

The next fraction in this sequence 1/2, 1/4, 1/6,... is ....
A. 1/20   B. 1/8   C. 1/12   D. 1/16

Question 14:

If the base of a parallelogram is 12cm and the height of the parallelogram is 3cm. Then the area of the parallelogram is ....
A. 18cm^2 B. 15cm^2 C. 30cm^2 D. 36cm^2

Question 15:

Find the equal pairs:

$\frac{3}{4}$ (1)	$\frac{7}{15}$ (2)	$\frac{7}{3} \times \frac{1}{3}$ (3)	$\frac{1}{5} + \frac{1}{7}$ (4)
$\frac{2}{7} \times \frac{6}{5}$ (5)	$\frac{1}{5} + \frac{2}{3} \times \frac{2}{5}$ (6)	$\frac{1}{2} : \frac{3}{5}$ (7)	$1\frac{2}{11}$ (8)
$\frac{8}{15}$ (9)	$7 \times \frac{1}{2} \times \frac{1}{3}$ (10)	$\frac{16}{35}$ (11)	$\frac{5}{6}$ (12)
$\frac{3}{11} + \frac{1}{11}$ (13)	$\frac{1}{3} + \frac{1}{5}$ (14)	$\frac{7}{6}$ (15)	$\frac{7}{9}$ (16)
$\frac{3 \times 5 + 1}{12 + 23}$ (17)	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ (18)	$\frac{4}{11}$ (19)	$\frac{6}{11} + \frac{7}{11}$ (20)

Question 19:

Which number is divisible by 2, 3 and 5?
A. 500   B. 702   C. 1200   D. 1000

Question 20:

The sum of the smallest 3-digit number and 241 is ….

Answer: ..

Question 21:

Calculate: $\frac{2}{5} - \frac{1}{10} = \cdots$ ... (Write your fraction in the simplest form)

Answer: ………..

Question 22:

Calculate: $\left(5 + \frac{2}{7}\right) \times \left(1 + \frac{3}{4}\right) = \cdots$ ...(Write your answer in the simplest form)

Answer: ………

Question 23:

The sum of 2 consecutive odd numbers is 248. Find the smaller number.

Answer: The smaller number is ……….

Question 24:

A group plants 912 pine trees every 3 days on average. How many pine trees can that group plant in 5 days?

Answer: There are …..pine trees.

Question 25:

Which is the greatest 2-digit number divisible by 2, 3 and 4?

Answer: The number is ………
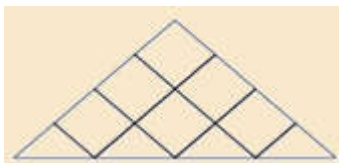
Question 26:

Look at this sequence: 2, 6, 12, 20, ………. What number could be next?

Answer: …….

Question 27:

There are seven squares in the picture. How many triangles than squares are there in the picture?

Answer: ………….

Question 28:

The product 2 numbers is 2364. The product of double the first number and triple the second number is …………

Answer: ……………..

Question 29:

The sum of denominator and numerator of a fraction is 121and the fraction is equal to $\frac{4}{7}$

Find the denominator of the fraction?

Answer: …………….

Question 30:

Write : > ; =; < $\frac{13}{15}$ ... ... $\frac{4}{5}$

Question 31:

The sum of 2 numbers is the greatest 3-digi number and their difference is the gratest 2-digit number. What is the greater number?

Answer: ……………………

Question 32:

The ratio of 2 numbers is 2:4 and their sum is 270. What is the greater number?

Answer: ………………

Question 33:

The average of A, B, C is 48 and A is less than the sum of B and C.

Find the value of A.

Answer: ………..

Question 34:

Find B, if B is 34 more than the average 35; 40; 56 and B.

Answer:…………………

Question 35:

The greatest 4-digit number that divisible by 15 is ……

A.   9975   B.   9999   C.   9990   D.   5670

Question 36:

The sum of 2 numbers is 359and there are 54 even numbers between them. The greater number is ……

A.   234   B.   236   C.   204   D.   232

Question 37:

How many 3 –digit even numbers?

A.   510   B.   500   C.   440   D.   450

Question 38:

Mary is 8 years old. her father is five times as old as Mary. How old is her father?

A.   28   B.   46   C.   35   D.   40

Question 39:

Convert: $\left(3 + \frac{1}{25}\right) kg = \cdots\ldots\ldots\ g$

A.   340   B.   34   C.   3040   D.   1000

Question 40:

The ratio of 2 numbers is 4:5 and their sum is 135. What is the smaller number?

A.   65   B.   75   C.   80   D.   60

Question 41:

The perimeter of a square is 68 cm. what is the area this square?

A.   4624   B.   289   C.   1156   D.   416

Question 42:

The sum of odd numbers from 34 to 135 is ……..

A.   4537   B.   3481   C.   4309   D.   4335

Question 43:

The last digit of the product $1 \times 5 \times 7 \times 9 \times 11 \times \ldots \times 99$ is …

A.   0   B.   1   C.   5   D.   9

Question 44:

The sum of even numbers from 16 to 56 is ……

A.   756   B.   72   C.   789   D.   359

Question 45:

Calculate: $\left(1 + \frac{2}{5}\right) \times \frac{6}{7} = \cdots\ldots$

A. $\frac{6}{5}$ B. $\frac{2}{7}$ C. $\frac{12}{35}$ D. 3

Question 46:

Choose consecutively the cells with increasing value to remove them from the table.

$\left(1+\frac{1}{5}\right):\frac{4}{3}$	$\frac{340}{4}$	$\frac{100}{5}$	$201600:2:5$
$\frac{15}{3}:\frac{1}{3}$	$\left(2+\frac{1}{4}\right)\times\frac{2}{3}$	The greatest $2-$digit number that divisible by 10	$\frac{1}{7}+\frac{1}{2}$
$\frac{24}{7}-\frac{10}{7}$	$\frac{4}{9}\times\frac{3}{8}$	$\frac{1}{2}$	The sum of 234 and 19
$\frac{1}{7}$	$1+4+7+10+13+.....+22$	The smallest $3-$digit number	$1+2+3+\cdots+15$
$\frac{3}{2}-\frac{1}{2}$	The greatest $2-$digit number	$\frac{3}{4}$ of $\frac{6}{4}$	What is the 124th $3-$digit number?

$\frac{1}{7}+\frac{1}{2}$	$\frac{100}{5}$	The last digit of $7\times17\times27\times...\times97$	$\frac{340}{4}$
$\frac{4}{9}\times\frac{3}{8}$	$\left(2+\frac{1}{4}\right)\times\frac{2}{3}$	$8\times2\times5$	$201600:2:5$
$\frac{3}{4}$ of $\frac{6}{4}$	The sum of the greatest $1-$digit number and 15	The average of $76;89$ and the smallest $1-$digit number	$\frac{3}{5}:3$
The greatest $2-$digit number	$\frac{1}{2}$	$\frac{24}{7}-\frac{10}{7}$	Six hundred and seventy $-$ two
The value of digit 3 in 245372	The sum of 234 and 19	$\left(1+\frac{1}{5}\right):\frac{4}{3}$	$\frac{1}{7}$

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