Correct Answer: 2) Video game

Q. No. : 130 - Directions: Examine the following expressions/activities/processes, and arrange them in the most logical sequence

1. Design, 2. Need, 3. Launching, 4. Research, 5. Testing, 6. Identify

Options:

1) 4, 1, 6, 2, 3, 5
2) 2, 6, 4, 1, 5, 3
3) 3, 5, 4, 1, 6, 2
4) 2, 4, 1, 5, 6, 3

Correct Answer: 2) 2, 6, 4, 1, 5, 3

Q. No. : 131 -

The value of the expression

$$\frac{\left(1\frac{29}{36} + 4\frac{1}{8} \times 1\frac{7}{11}\right) \div \left(5\frac{1}{9} - 7\frac{7}{8} \div 9\frac{9}{20}\right)}{3\frac{1}{5} \div \frac{9}{2} \ of \ 5\frac{1}{3}} \ \text{is}$$

Options:

1)
$\frac{2}{15}$

2) 2

3)
$7\frac{1}{2}$

4) 15

Correct Answer: 4) 15

Q. No. : 132 -

The fractions $\frac{42}{491}$, $\frac{30}{313}$ and $\frac{35}{367}$

are arranged in ascending order

of magnitude as

Options:

1)

$$\frac{35}{367}, \frac{30}{313}, \frac{42}{491}$$

2)
$$\frac{42}{491}, \frac{35}{367}, \frac{30}{313}$$

3)
$$\frac{30}{313}, \frac{35}{367}, \frac{42}{491}$$

4)
$$\frac{42}{491}, \frac{30}{313}, \frac{35}{367}$$

Correct Answer: 2)
$$\frac{42}{491}, \frac{35}{367}, \frac{30}{313}$$

Q. No. : 133 - Let x be the greatest number of 4 digits, which when divided by 15, 20 and 28 leaves in each case the remainder 2. The sum of digits of x is

Options:

1) 19
2) 21
3) 23
4) 25

Correct Answer: 3) 23

Q. No. : 134 -

A student was asked to simplify the expression: $\dfrac{0.1216 \times 0.105 \times 0.0002}{0.625 \times 0.08512 \times 0.039 \times 0.16}$

his answer was $\dfrac{1}{65}$. What is the difference between his answer and the correct answer?

Options:

1)
$$\frac{1}{65}$$

2)
$$\frac{1}{130}$$

3)
$$\frac{1}{26}$$

4)

$$\frac{1}{13}$$

Correct Answer: 2)

$$\frac{1}{130}$$

Q. No. : 135 - When 13511, 13903 and 14589 are divided by the greatest number 'n', the remainder in each case is 'm'. The value of (n + m) is

Options:

1) 183
2) 182
3) 181
4) 179

Correct Answer: 1)   183

Q. No. : 136 - ABCD is a quadrilateral in which measures of angle D and angle C are 60 degree, and 100 degree respectively. If the internal bisectors of angle A and angle B meet at P, then measure of angle APB is

Options:

1) 80 $^\circ$
2) 90 $^\circ$
3) 100 $^\circ$
4) 110 $^\circ$

Correct Answer: 1)   80 $^\circ$

Q. No. : 137 - Suman saves 10% of her monthly salary. Now her expenditure increases by 30% and savings increases by 50%. The present increase in her salary is

Options:

1) 25%
2) 30%
3) 32%
4) 40%

Correct Answer: 3)   32%

Q. No. : 138 -

A sum amounts to Rs. 9680 in 2 years and to Rs. 10648 in 3 years respectively at compound interest. What will be the amount if the same sum is invested for $1\frac{2}{5}$ years at the same rate of compound interest?

Options:

1) Rs.9025
2) Rs.9152
3) Rs.9215
4) Rs.9251

Correct Answer: 2) Rs.9152

Q. No. : 139 - The marked price of an article is 20% more than the cost price. If the article is sold at a discount of 15% on its marked price, then the gain percent is

Options:

1) 5
2)
$4\frac{1}{2}$

3)
$2\frac{1}{2}$

4) 2

Correct Answer: 4) 2

Q. No. : 140 -

Reshma sells an article to Rekha at 37.5% profit, Rekha sells it to Madhu at $9\frac{1}{11}$% profit. Again Madhu sells it to Mitu at 25% loss. If Mitu pays Rs. 342 for the article, then what is the cost price of the article to Reshma?

Options:

1) Rs.304
2) Rs.266.50
3) Rs.380
4) Rs.384.75

Correct Answer: 1) Rs.304

Q. No. : 141 - The number of children in a camp is x and their average weight is 20 kg. If 5 children each weighing 12 kg, join the camp or if 10 children each weighing 21 kg leave the camp, the average weight in both the cases remain the same. The value of x is

Options:

1) 18
2) 16
3) 15
4) 14

Correct Answer: 3) 15

Q. No. : 142 - In a 120 litre of solution of Acid and water, acid is 75%. A person takes out 20 litres of this solution and added 16.2 litres of acid and 3.8 litres of water in the remaining solution. What is the percentage of water in the final solution?

Options:

1) 22
2) 24
3) 25
4) 28

Correct Answer: 2) 24

Q. No. : 143 - Twelve men and 5 women can complete a work in 2 days whereas 4 men and 3 women can complete the same work in 5 days. In how many days can 8 men complete the work?

Options:

1) 3
2) 4
3) 5
4) 6

Correct Answer: 2) 4

Q. No. : 144 - a and b are inversely proportional to each other and are positive. If a increases by 100%, then b decreases by

Options:

1) 50%

2) 75%
3) 100%
4) 200%

Correct Answer: 1) 50%

Q. No. : 145 - Four pipes A, B, C and D can fill a tank with water in 15, 20, 30 and 60 hours respectively. Pipe A is opened at 4 a.m., B at 5 a.m., C at 6 a.m. and D at 7 a.m. When is the tank filled up completely?

Options:

1) 9:30 a.m.
2) 10:00 a.m.
3) 10:30 a.m.
4) 11:00 a.m.

Correct Answer: 4) 11:00 a.m.

Q. No. : 146 -

If a person travels at a speed of 40 km/h he will reach his destination on time. He covered half the journey in $\frac{2}{3}$ of the time. At what speed (in km/h) should he travel to cover the remaining journey to reach the destination on time?

Options:

1) 48
2) 50
3) 60
4) 72

Correct Answer: 3) 60

Q. No. : 147 - The parallel sides of a trapezium shaped field are 25 m and 10 m and non parallel sides are 14 m and 13 m. What is the area (in m²) of the field?

Options:

1) 204
2) 196
3) 156
4) 144

Correct Answer: 2) 196

Q. No. : 148 - x^2 (a-b) + a^2(b-x) + b^2 (x-a) is factored as

Options:

1) (a-b)(x-a)(x-b)
2) (a-b)(x-a)(x+b)
3) (b-a)(x+a)(x-b)
4) (a+b)(x-a)(x+b)

Correct Answer: 1) (a-b)(x-a)(x-b)

Q. No. : 149 - Three fair dice are thrown simultaneously. What is the probability that the sum of numbers on their tops, is at least 6?

Options:

1)
$$\frac{5}{108}$$

2)
$$\frac{1}{24}$$

3)
$$\frac{103}{108}$$

4)
$$\frac{17}{18}$$

Correct Answer: 3)
$$\frac{103}{108}$$

Q. No. : 150 -