

## UPPC Constable Feb 17 Shift 1 Answer Key 2024 for Maths section

Question: What will replace the question marks (?) in the following equation  $5072.19 + 368.312 + ? = 9018.681$

Answer: 3578.116

Question: Two numbers are in the ratio of 13:9 if their HCF is 13 then find the largest number

Answer : 169

Question: Simplify  $17.28 / x$  divided by  $3.6 \times 0.2 = 2$

Answer: 12

Question: The area of the circular field is 13.86 hectares. Find the cost of fencing it at the rate of 3.2 per meter

Answer: 4224

Question: The salaries of Rohan and Sohan are in the ratio 2:3. If the salary of each is increased by 2000 the new ratio becomes 40:57. What is the Soham present salary?

Answer: 17,000

Find the 21st term of the sequence 26, 20, 14, 8, .....

Answer: -95

An article is sold at a certain price by selling it at  $\frac{2}{3}$  of that price one loses 10%. find the gain per cent at the original price

Answer: 35%

The average of six numbers is 3.75. The average of two of them is 3.2, while the average of the other two is 3.55. What is the average of the remaining two numbers?

Answer: 4.5

In a certain school, 20% of students are below 10 years of age. The number of students above 10 years of age is  $\frac{2}{3}$  of the number of students of 10 years of age which is 48. What is the total number of students in the school?

Answer: 80

Three partners P, Q, and R start a business. Twice P's capital is equal to thrice Q's capital and Q's capital is equal to four times R's capital. Out of a total profit of 27,500 at the end of the year R's share is:

Answer: 2,500

A number when divided by 119 leaves 19 as the remainder, if it is divided by 17, it will leave a remainder

Answer: 2

A sum of money amounts to Rs 4460 after the 3 years and to Rs 6690 after 6 years on compound interest. find the approximate sum

Answer: 2973