

76. $2/5 \times (-3/7) - 1/14 - 3/7 \times 3/5$

Ans: Option (C) $-1/2$

77. What should be added to twice the rational number $-7/3$ to get $3/7$?

Ans: Option (D) $107/21$

78. The sum of three consecutive multiple of 11 is 363. What is the middle term?

Ans: Option (B) 121

79. Bansi has 3 times as many two rupee coins as he has five rupee coins. If he has in all a sum of Rs. 77. How many two rupee coins does he have?

Ans: Option (A) 7

80. The digits of a two digit number differ by 3. If the digits are interchanged and the resulting number is added to the original number. We get 143. What can be the original number?

Ans: Option (D) 85

81. Arjun is twice as old as Shriya. Five years ago, his age was three times Shriya's age. What is Arjun's present age?

Ans: Option (A) 20 years.

82. The value of x in the equation: $6x + 1/3 + 1 = x - 3/6$.

Ans: Option (D) -1

83. Find the number of sides of a regular polygon whose each exterior angle has a measure of 45° .

Ans: Option (B) 8

84. Which of the following number is perfect square?

Ans: Option (C) 7921

85. In a right triangle, the length of the hypotenuse and a side are respectively 5cm and 3cm. what is the length if the remaining side?

Ans: Option (B) 4 cm

86. By which smallest natural number should 53240 be divided so that the quotient is a perfect cube?

Ans: Option (C) 5

87. An item marked at Rs. 840 is sold for Rs.714. What is the discount percentage?

Ans: Option (C) 15%

88. Sohan bought a second hand refrigerator for Rs. 2,500, then spent Rs, 500 on its repairs and sold it for Rs. 3,300. Find his loss or gain percent.

Ans: Option (A) Profit, 10%

89. A sum of Rs. 10000 is borrowed at a rate of interest 15% per annum for 2 years. What will be the simple interest on this sum at the end of 2 years ?

Ans: Option (C) Rs. 3000/-

90. Subtracting $5x^2-4y^2+6y-3$ from $7x^2-4xy+8y^2+5x-3y$ gives

Ans: Option (B) $2x^2-4xy+12y^2+5x-9y+3$

91. What is the value of $3y(2y-7) - 3(y-4)-63$ if $y=-2$?

Ans: Option (A) 21

92. The perimeter of a Parallelogram with sides of 7 cm and 12 cm length is__

Ans: Option (C) 38 cm

93. Which of the following about a Parallelogram is true?

Ans: Option (B) Diagonals bisect one another

94. The area of a trapezium shaped field is 480 square meter. The distance between two parallel sides is 15 m and length of one of the parallel sides is 20 m. What is the length of the other parallel side?

Ans: Option (B) 24 m

95. The area of a rhombus is 240cm^2 and one of the diagonals is 16 cm. the Length of the other diagonal is -

Ans: Option (C) 30 cm

96. An Aquarium is in the form of a cuboids whose external measures (lxbxh) are 80 cm x30 cm x40cm. The base side faces and back face are to be covered with a colored paper. What will be the area of the paper needed?

Ans: Option (C) 8000 cm^2

97. Find the height of a cylinder whose radius of 7 cm and the total surface area is 968 cm^2 ?

Ans: Option (A) 15 cm

98. Simplify :{ $(1/3)^{-2} - (1/2)^{-3}$ } $\div (1/4)^{-2}$

Ans: Option (D) (1/16)

99. What is the value of m if $(-3)^{m+1} * (-3)^5 = (-3)^7$?

Ans: Option (A) 1

100. Mass of earth is 5.97×10^{22} kg and mass of moon is 7.35×10^{22} Kg. what the total mass is?

Ans: Option (A) 604.35×10^{22} KG.