Section 3
MATHEMATICS

91 . A rectangular tank has length = 6 m. width = 2.4 m and depth = 1 m. Find the volume of water if it is half-filled.

- 6 m3
- 6.4 m3
- 6.8 m3
- 7.2 m3

92. The distance between two parallel lines

- decreases
- increases
- remains same
- may increase or decrease

93. An angle measuring 270 degree is an example of

- acute angle
- obtuse angle
- right angle
- reflex angle

94. What is the LCM of 108 and 144 ?

- 3688
- 432
- 648
- 216

95. A triangle has sides that measure 5 cm. , 12 cm and 13 cm. Identify the type of triangle .

- Equilateral triangle
- Isosceles triangle
- Obtuse angled triangle
- Right angled trianle

96. Find the sum of the largest and least four-digit numbers.

- 9999

- 10000

- 10999

- 11999

97. The temperature first rises by 18 degree Celsius and then falls by 23 degree Celsius . If the initial temperature is 27 degree Celsius, what is final temperature ?

- 22 degree Celsius

- 23 degree Celsius

- 24 degree Celsius

- 25 degree Celsius

98. Evaluate

(-2) X (-3) X (-4)X (-5) X (-6)

- -360

- 360

- -720

- 720

99. Subtract 3 kg 178 g from 8 kg 350 g.

- 5 kg 172 g

- 4 kg 272 g

- 4 kg 171 g

- 4 kg 472 g

100 . Find the circumference of a circle whose diameter in 3.5 cm.

- 11.3 cm

- 11 cm

- 10.1 cm

- 9.6 cm

101. How many wheels are there in 9 tricycles ?

- 3

- 27

- 9

- 18

102. From a rope of 10.5 m. long 37/8 m is cut off . Find the length of the remaining rope .

- 43/8 m

- 41/8 m

- 47/8 m

- 21/4 m

103. Evaluate : 37.188 /3.6

- 9.8

- 9.66

- 10.33

- 11.6

104. How many four digit numbers are there between 999 and 3000 ?

- 2001

- 2000

- 1999

- 1998

105. Which if the following numbers divides 9361 without any remainder ?

- 19

- 17

- 13

- 11

106. Carry out the operation as written (9 +7) / 4 X 5 = ?

- 187/7

- 16/20

- 20

- 4/5

107. Arrangement of the fractions in ascending order is

- 3/8, 5/6, 2/3, 5/9

- 5/6, 2/3, 5/9, 3/8

- 3/8, 5/9, 2/3, 5/6

- 3/8, 2/3, 5/9, 5/6

108. Martin has some marbles. He lost 14 and still had left. How many did he have to start with ?

- 8

- 20
- 84
- None of these

109. Simplify : 1/3 + 7/9 / (7/10 x 5/4)

- 7/9
- 11/9
- 17/9
- 13/9

110. 2.6 X 0.91 = ?

- 2.366
- 0.2366
- 23.66
- 236.6

111. How many halves in 1 1/2 ?

- 1
- 2
- 3
- None of these

112. 44-6 / 43 X2 – 87 =   ?

- 37
- 38
- 73
- 83

113. What is the perimeter of a square if each side is 8.2 centimeters long ?

- 64.16 cm
- 67.24 cm
- 32.8 cm
- 16.2 cm

114. A tin contains 20 liters of petrol. Due to leakage. 3 liters of petrol is lost. What percent is present in the tin ?

- 66 2/3 %
- 68%

- 82%
- 85%

115. 3 pencils coast Rs. 20 How much will 6 dozen cost ?

- Rs. 40
- Rs. 48
- Rs. 480
- Rs. 400

116. Evaluate : 8 – 4

- 4
- 8
- 16
- 32

117. What is the cube root of -0.008 ?

- – 2
- – 0.2
- – 0.02
- – 0.002

118. Estimate to the nearest hundred 496 plus 318 .

- 814
- 800
- 178
- 700

119. 4 – 1/7 = ?

- 3/7
- 29/7
- 27/7
- 5/7

120. 9/4 + 3/4 = ?

- 5/4
- 10/4
- 1/3

- 3