101. The breadth of a rectangular plot is one-third of its length. If the perimeter of the plot is 240 meters, what is the length of that plot?
(a) 80 meters (b) 240 meters (c) 160 meters (d) 90 meters

Answer : D

102. A man has some hens and cows. If the number of heads be 48 and number of feet equals 140, then the number of hens will be :
(a) 22 (b) 23 (c) 24 (d) 26

Answer : D

103. If one-fourth of two-fifths of a number is 36, what is the number?
(a) 720 (b) 340 (c) 240 (d) 360

Answer : D

104. What Should come in place of question marks (?)

$$\frac{87.4 \times 6.5 - 0.1}{28.4 \times 9.8 + 5.68} = ?$$

(a) $\frac{1}{2}$ (b) 3 (c) 2 (d) 4

Answer : C

105. What Should come in place of question marks (?)
11520 ◆ 384 + 192 = ?
(a) 20 (b) 222 (c) 232 (d) 162

Answer : B

106. Five years hence the ratio between the ages of Gopi and Sudha will be 4:5. The total of their present ages is 17 years, what is the present ages is 17 years, what is the present age of Gopi?
(a) 7 years (b) 10 years (c) 12 years (d) 13 years

Answer : A

107. A group of boys contributed as many rupees each for their trip as they were in number. The total collection came to Rs. 841. How many boys were there in the group?
(a) 21 (b) 29 (c) 31 (d) 41

Answer : B

108. The areas of three adjacent faces of a cuboid 'p', 'q' and 'r' .Its volume will be:
(a) $\sqrt{pqr}$ (b) pqr (c) $p^2q^2r^2$ (d) $\sqrt{p^2+q^2+r^2}$

Answer : A

109. What Should come in place of question marks (?)

$$\frac{74 \times 16 - 6 \times 9}{38 \times 17 - 3 \times 27} = ?$$

(a) 0.50 (b) 0.33 (c) 2 (d) 4

Answer : C

110. A class comprises 60 students. 35 students out of them study mathematics, 20 students study both mathematics and chemistry. The number of students studying only Chemistry will be;
(a) 40 (b) 35 (c) 25 (d) 15

Answer : C

111. If 'x' men can do a piece of work in 8 days and x+4 men can do the same work in 6 days. Then x is equal to
(a) 10 (b) 6 (c) 12 (d) 24

Answer : C

112. What Should come in place of question marks (?)

$7\frac{2}{5}$ of $175 - 3\frac{1}{3}$ of $228 = 4026 - ?$

(a) 3194 (b) 3691 (c) 2491 (d) 341

Answer : D

113. An amount of money is to be distributed between P, Q and R in the ratio of 4:7:9. If the difference between the shares of Q and R is Rs 500, what will

4:7:9. If the difference between the shares of Q and R is Rs 500, what will be the difference between the shares of P and Q?
(a) 500 (b) 1000 (c) 750 (d) Data Inadequate

Answer : C

114. The difference between the cost price and sale price of an article is Rs. 240. If the profit percent is 20, at what price was the article sold?
(a) Rs. 1240 (b) Rs. 1600 (c) Rs. 1400 (d) Rs. 1440

Answer : D

115. In a triangle, two sides of 12 cm and 5 cm are at right angles. If the triangle is revolved along the 12cm side, the curved surface of the cone so formed will be;
(a) 156π cm^2 (b) 78π cm^2 (c) 65π cm^2 (d) 130π cm^2

Answer : C

116. In $\triangle ABC$, 'D' is a point on BC such that
$\frac{AB}{AC} = \frac{BD}{DC}$. If $\angle B = 70^0$, $\angle C = 50^0$, then $\angle BAD$ is
(a) 60^0 (b) 50^0 (c) 25^0 (d) 30^0

Answer : D

117. Three-fifths of forty per cent of a numbers is 12. What is the number?
(a) 50 (b) 60 (c) 75 (d) 80

Answer : A

118. When 24 is added to a number it increases to its 1� . What is the number?
(a) 72 (b) 48 (c) 120 (d) 96

Answer : D

119. What Should come in place of question marks (?)
1095.68 � 42.8 - 21.4 = ?
(a) 51.20 (b) 47 (c) 40.2 (d) 4.2

Answer : D

120. Two men together start a journey in the same direction. They travel 9 and 15 kilometer/ day respectively daily. After traveling for 6 days the man traveling 9 km/day doubles his speed and both of them finish the distance, in the same time. Find the number of days taken by them to reach the destination.
(a) 36 (b) 21 (c) 18 (d) 12

Answer : C

121. A man on boat rows 40 km upstream on a river in 8 hrs and a speed of stream in km per hour is ....
(a) 0.5 (b) 5.5 (c) 6 (d) 5

Answer : A

122. Pramod's and Jayesh's share in a business is in the ratio 3:5. If Jayesh invested Rs 80,000 for 12 months in the business, for how long did Pramod invest Rs.72,000 in the business?
(a) 6 months (b) one year (c) 8 months (d) 10 months

Answer : C

123. John goes to Chennai to buy an article costing 15% less than that in Kochi. He spends Rs 150 on traveling and gains Rs 150 after its sale in Kochi. His profit percentage is:
(a) 8 (b) 7.5 (c) 7 (d) 6

Answer : B

124. What Should come in place of question marks (?)
7426 + (3108 - 840) � 30 =?
(a) 75466 (b) 74566 (c) 14665 (d) 290820

Answer : A

125. In the following number series a wrong numbers is given. Find out that number.
1, 3, 9, 26, 106, 532, 3194
(a) 3 (b) 9 (c) 26 (d) 106

Answer : B

126. What Should come in place of question marks (?)
? % of 640 + 962 = 1506
(a) 75 (b) 60 (c) 65 (d) 85

Answer : D

127. Forty-two men can complete a work in 15 days. In how many days will 30 men complete the same work?
(a) 24 (b) 28 (c) 21 (d) 20

Answer : C

128. A, B and C hired a taxi for Rs 2, 600 and used it for 24, 36 and 44 hrs respectively. If they had earlier agreed to share the expenses on the basis of the used distance how much will B have to pay?
(a) Rs 1,100 (b) Rs 1,500 (c) Rs 900 (d) Rs 800

Answer : C

129. 'A' and 'B' together can complete a work in 12 days. 'A' alone can complete it in 20 days. If 'B' now does the work only for half a day daily, then, in how many days will 'A' and 'B' together complete the work?
(a) 15 days (b) 11 days (c) 20 days (d) 10 days

Answer : A

130. The annual rainfall at a certain place is 65 cm. Then the annual rainfall in litres per hectare will be;
(a) 6.5×10^3 (b) 6.5×10^6 (c) 6.5×10^5 (d) 6.5×10^4

Answer : B

131. What Should come in place of question marks (?)
$870 \times 5\frac{2}{3} + 4\frac{4}{5} \div 1\frac{3}{5} = ?$
(a) 4933 (b) $4930\frac{2}{5}$ (c) $4932\frac{3}{5}$ (d) 4935

Answer : A

132. What Should come in place of question marks (?)
7.55% of 80 + 30% of 90 + ? = 198
(a) 71 (b) 127 (c) 137 (d) 99

Answer : B

133. If the price of five dozen apples is Rs 285, what will be the price of 34 apples?
(a) Rs 161.50 (b) Rs 171.00 (c) Rs 142.50 (d) Rs 171.50

Answer : A

134. If the roots of $x^2 - nx + 54 = 0$, bear a ratio of 2:3, the value of 'n' will be
(a) 12 (b) 15 (c) 18 (d) 21

Answer : B

135. At what distance from the origin is the line represented by 2x + 3y + 10 =0 situated?
(a) $\frac{\sqrt{10}}{13}$ (b) $\sqrt{\frac{10}{13}}$ (c) $\frac{10}{\sqrt{13}}$ (d) $\frac{10}{13}$

Answer : C

136. A cube is coloured from all the sides, then the cube is cut into 64 regular cubes, How many cubes will have only one side coloured?
(a) 4 (b) 16 (c) 8 (d) 24

Answer : D

137. At present average age of Arun and Pramod is 4:3. After six years, Arun's age will be 26 years. What is the age of Pramod at present.
(a) 12 years (b) 15 years (c) 19 years (d) 21 years

Answer : B

138. What Should come in place of question marks (?)

$16\frac{2}{5} \times 16\frac{2}{3} + 5\frac{2}{3} = ?$

(a) $275\frac{4}{3}$ (b) $344\frac{2}{5}$ (c) $270\frac{1}{3}$ (d) $275\frac{1}{3}$

Answer : **D**

139. Which of the following is the smallest number that gives reminder of '2' every-time, when divided by 6, 7, 8, 9, and 12.
(a) 756 (b) 504 (c) 754 (d) 506

Answer : **D**

140. What Should come in place of question marks (?)

$17 \times 28 + 18 \times \frac{2}{3} = ?$ of 5856

(a) $\frac{1}{12}$ (b) $\frac{1}{6}$ (c) $\frac{1}{4}$ (d) $\frac{1}{8}$

Answer : **A**

141. The ratio between the ages of the father and the child at present is 5:2. What will be the difference between the ages of the father and the child after 10 years?
(a) 30 years (b) 15 years (c) 18 years (d) Data inadequate

Answer : **D**

142. A trader bought 30 kg of rice at the rate of Rs. 10.50 per kg and 20 kg of rice at the rate of Rs. 11.00 per kg. He mixed the two and sold the mixture at the rate of Rs. 11.70 per kg. Approximately, what was the percentage profit in the transaction?
(a) 15 (b) 5 (c) 20 (d) 10

Answer : **D**

143. What Should come in place of question marks (?)

$16\sqrt{2} + \frac{3}{8}$ of $2144 - \frac{1}{5} \ 2655 = 30\%$ of 1150

(a) 12 (b) 169 (c) 256 (d) 144

Answer : **D**