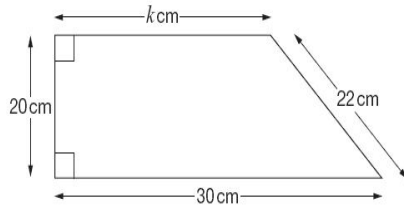**CHINMAYA INTERNATIONAL RESIDENTIAL SCHOOL**
COIMBATORE
ENTRANCE EXAM: SAMPLE PAPER
(FOR ADMISSION TO ACADEMIC YEAR 2014)

CLASS: VIII   **SUBJECT: MATHS**

01. The perimeter of the trapezium is 92cms. The value of '*k*' is

      A. 20cm   B. 15cm

      C. 72cm   D. 22cm

02. A rectangle has a width of 12 inches and a diagonal of 20 inches. The length of the rectangle is

   A. 16 inches   B. 32 inches   C. 18 inches   D. 28 inches

03. If '*y*' is 40% of '*z*', then y*: z* expressed as

   A. 1 : 5   B. 1 : 4   C. 3 : 5   D. 2 : 5

04. Type "A" bacteria population doubles every one minute. There are 100 bacteria in a dish. The expression shows the number of bacteria in 5 minutes is

   A. $2^5 + 100$ B. 2×100^5 C. 100×2^5 D. 100×5^2

05. A regular hexagon measures $1\frac{3}{8}$ cm on each side. The perimeter of the hexagon is

   A. 9.25 cm   B. 8.0 cm   C. 82.5 cm   D. 8.25 cm

06. Consider 100 squares of area 1 square unit each. Arrange them all to form a big square.

  The perimeter of the big square is

   A. 10 units   B. 20 units   C. 40 units   D. cannot be determined