TEST PAPER: MATHEMATICS
Time: 50 Minutes   **Class:** 8th I.C.S.E.
Max. Marks: 30 Marks   **Date:** 5th December, 2018
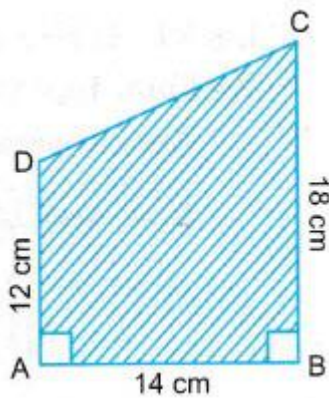
Learn At Quest

Marking Scheme: *Three questions carry 10 marks each. Questions have 3 subparts each. Subparts (a) and (b) carry 3 marks each and subpart (c) carries 4 marks.*
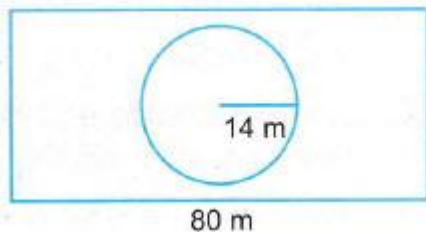
Question 1:

a. In an Examination, a student secures 40% mark to pass. Raul gets 178 marks and fails by 32 marks. What are the maximum marks?

b. On increasing the price of the article by 14%, it becomes Rs.1995. What was its original Price?

c. The sides of a triangle are in the ratio 13:14:15 and its perimeter is 84 cm. Find the area of the triangle.

Question 2:

a. Find the area of the shaded region in the adjoining figure:

b. The perimeter of a square is 28 cm. Find its area.

c. A rectangular ground is 80 m long and 35 m broad. In the middle of the ground, there is a circular tank of radius 14 m. Find the cost of turfing the remaining portion at the rate of Rs. 21.50 sq. meter.

Question 3:

a. The diagonal of a square is $5\sqrt{2}$ m. Find its area and perimeter.

b. The height of a parallelogram is one-third of its base. If the area of the parallelogram is 192 cm^2, find the height and the base.

c. The height of the trapezium of the area 162 cm^2 is 6 cm. If one of the base is 23 cm, find the other.