SECTION 1: General Aptitude Test (2 Mark each)

Q.1 Tower A is 90 m tall and tower B is 140 m tall. They are 100 m apart. A horizontal skywalk (2) connects the floors at 70 m in both the towers. If a taut rope connects the top of tower A to the bottom of tower B, at what distance (in meters) from tower A will the rope intersect the skywalk?

(A) 22.22 (B) 50 (C) 57.87 (D) 77.78

Q.2 "The driver applied the _____ as soon as she approached the hotel where she wanted to (2) take a _____."

The words that best fill the blanks in the above sentence are

(A) brake, break (B) break, break

(C) brake, brake (D) break, brake

Q.3 The price of a wire made of a superalloy material is proportional to the square of its length. (2) The price of 10 m length of the wire is Rs. 1600. What would be the total price (in Rs.) of two wires of lengths 4 m and 6m?

(A) 768 (B) 832 (C) 1440 (D) 1600

Q.4 Hema's age is 5 years more than twice Hari's age. Suresh's age is 13 years less than 10 times (2) Hari's age. If Suresh is 3 times as old as Hema, how old is Hema?

(A) 14 (B) 17 (C) 18 (D) 19

Q.5 The perimeters of a circle, a square and an equilateral triangle are equal. Which one of the (2) following statements is true?

(A) The circle has the largest area.

(8) The square has the largest area.

(C) The equilateral triangle has the largest area.

(D) All the three shapes have the same area.

Q.6 "When she fell down the _____, she received many _____ but little help." (2)
The words that best fill the blanks in the above sentence are

(A) stairs, stares (B) stairs, stairs

(C) stares, stairs (D) stares, stares

Q.7 A faulty wall clock is known to gain 15 minutes every 24 hours. It is synchronized to the correct time at 9 AM on 11th July.
What will be the correct time to the nearest minute when the clock shows 2 PM on 15th July

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