

no. of correct answers = 22

Module 1

Answers

1 - B ✓ 2 - C ✓ 3 - D ✓ 4 - A ✓ 5 - A ✓

6 - 25 ✓ posters/hr 7 - $x = 30$ ✓ 8 - B ✓

9 - B ✓ 10 - C ✓ 11 - B ✓ 12 - C ✓

13 - 41 ✓ cupcakes 14 - $x = 2$ ✓ 15 - D ✓ 16 - C ✓

17 - A ✓ 18 - D ✓ 19 - D ✓ 20 - 14 ✓

21 - $r = 5$ ✓ 22 - C ✓ 23 - D ✓ 24 - C ✓

25 - B ✓ 26 - B ✓

27. In equilateral Δ , height = side $\sqrt{3}$

$$P = 3a \Rightarrow a = 208$$

$$\text{height} = K\sqrt{3} = 208\sqrt{3}$$

$$\Rightarrow K = 208$$

n° of correct answers = 23

Module 2:

1-A 2-A 3-B 4-D

5-D 6. $4x + 5 = 165$ 7 - $x = 7$
 $\Rightarrow x = 40$

8-B 9-D 10-A 11-A

12-A 13. $x = 180^\circ - 110 = 70^\circ$

14 - ~~10~~ 15-D 16-B

17-C 18-C 19-B

20 - greater number of attendees = 16

21. $142 - 41 = 112$

$141 | x - 11 = 112$

$x - 1 = 28$

22-C 23-B 23 - ~~1-4-5-8~~

24-C 25-B 26-B

27 - As least possible value of n is 13

As a whole, n° of correct answers = 45

score: $660 - 690$