

HVAC LICENSE REVIEW

COOLER LOADS EXAM

Answer Section

TRUE/FALSE

1. ANS: T

2. ANS: T

3. ANS: F

10% is the correct answer

4. ANS: T

5. ANS: F

MULTIPLE CHOICE

6. ANS: A

7. ANS: A

8. ANS: B

$$R = 1/U = X/K$$

K given = .30 and thickness give 10" $10"/.30 = 33.3$

9. ANS: C

$$U = K/X = 1/R$$

$$.30/10" = .03$$

$$1/33.3 =$$

10. ANS: B

11. ANS: D

12. ANS: D

$L \times W \times H = \text{Cubic Feet}$

13. ANS: B

$2,000 \times 0.92 \times 50 = \text{BTUH}$

14. ANS: C

$224 \text{ square feet}, 1 \text{ watt per square foot} = 224/1 = 224 \text{ Watts}$

15. ANS: B