

UCEL Sample Questions: Cite articles or tables from 2017 NFPA 70 NEC
Each questions is worth 5 points, multiple choice (Circle 1) = 2 points, Citing = 3 points

1) Which of the following type conductor insulation cannot be used in wet locations?

- | | | | |
|----|------|----|------|
| A. | THHN | C. | THHW |
| B. | THWN | D. | THW |

Citing: _____

2) The maximum distance from an outlet box that flexible metal conduit must be secured?

- | | | | |
|----|-----------|----|-----------|
| A. | 18 inches | C. | 24 inches |
| B. | 12 inches | D. | 36 inches |

Citing: _____

3) The maximum spacing between supports for 1-1/4 inch, PVC conduit is?

- | | | | |
|----|-------|----|-------|
| A. | 2 ft. | C. | 3 ft. |
| B. | 4 ft. | D. | 5 ft. |

Citing: _____

4) Which of these cable types are nonmetallic-sheathed cable?

- | | | | |
|----|-----|----|-----|
| A. | NM | C. | AC |
| B. | SJO | D. | USE |

Citing: _____

5) When NM cable enters into a non-metallic outlet box, the outer covering must?

- | | | | |
|----|--|----|--|
| A. | Extend into the box not less than 1/4 inch | C. | Extend into the box not less than 1/2 inch |
| B. | End flush with the point of entry | D. | Extend to the connection points |

Citing: _____

6) What is the minimum depth that an outlet box can be if it does not enclose devices?

- | | | | |
|----|----------|----|------------|
| A. | 1 inch | C. | 1-1/4 inch |
| B. | 1/2 inch | D. | 1-1/2 inch |

Citing: _____

7) The minimum allowable horizontal clearance for overhead service conductors from a swimming pool is?

- | | | | |
|----|--------|----|---------|
| A. | 6 feet | C. | 10 feet |
| B. | 8 feet | D. | 12 feet |

Citing: _____

8) Where in the 2017 NEC would you find the correction factors for current-carrying conductors where more than 3 are bundled together for a distance greater than 24 inches?

- | | | | |
|----|--------------------|----|-----------------------|
| A. | Chapter 9, table 4 | C. | Annex C.10 |
| B. | Chapter 9, table 9 | D. | Table 310.15(B)(3)(A) |

Citing: _____

9) Listed or labeled equipment shall be installed and used in accordance with any _____ included in the listing or labeling?

- | | | | |
|----|--------------|----|-------------------------|
| A. | Exceptions | C. | Additional requirements |
| B. | Instructions | D. | Other documents |

Citing: _____