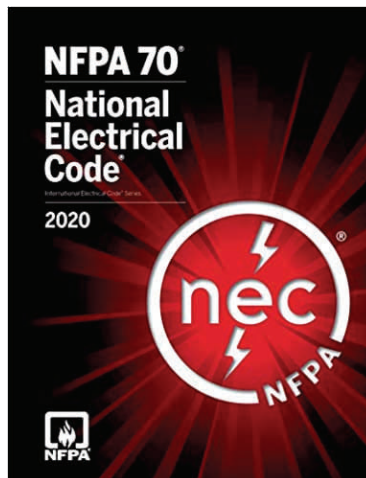


Practice Exam

ICC (T16) Master Electrician

Based on the
2020 National Electrical Code (NFPA 70)

NOTE: Your code book cover art should look like the graphic below



(please read additional information file about "How to use" and print our study materials)


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ICC (T16) Master Electrician - Practice Exam

- 554.** FCC systems shall be used in which of the following locations?
- A. outdoors or in wet locations
 - B. in any hazardous (classified) locations
 - C. in residential buildings
 - D. none of the above
- 555.** Type FCC cable shall be listed for use with the FCC system and shall consist of ____ flat copper conductors, one of which shall be an equipment grounding conductor.
- A. three
 - B. four
 - C. five
 - D. any of the above
- 556.** Type IGS cable shall be permitted for use as ____.
- A. service-entrance conductors
 - B. feeder or branch-circuits conductors
 - C. service conductors, underground
 - D. any of the above
- 557.** Type MC cable shall be permitted for which of the following uses?
- A. indoors or outdoors
 - B. in cable tray where identified for such use
 - C. as aerial cable on a messenger
 - D. all of the above
- 558.** Type MC cables shall be secured at maximum intervals of ____ feet.
- A. 2
 - B. 4
 - C. 6
 - D. 8

Answer Key: ICC (T16) Master Electrician, 2020 NEC

<u>Question</u>	<u>Ans.</u>	<u>Reference</u>
1	C	Introduction - 90.1(A) Purpose - Practical Safeguarding
2	C	Introduction - 90.1(A) Purpose - Practical Safeguarding
3	D	Introduction - 90.1(B) Purpose - Adequacy
4	B	Introduction - 90.2(B) Scope - Not Covered
5	D	Introduction - 90.3 Code Arrangement
See also Figure 90.3.		
6	A	Introduction - 90.3 Code Arrangement
7	B	Introduction - 90.4 Enforcement
8	D	Introduction - 90.5(B) Mandatory Rules, Permissive Rules, and Explanatory Material - Permissive Rules
9	A	Introduction - 90.7 Examination of Equipment for Safety
10	C	Introduction - 90.8(A) Wiring Planning - Future Expansion and Convenience
11	C	Introduction - 90.8(B) Wiring Planning - Number of Circuits in Enclosures
12	D	Introduction - 90.9(B) Units of Measurements - Dual System of Units
13	A	Introduction - 90.9(D) Units of Measurements - Compliance, Informational Note No. 1
14	D	General - 100 Definitions - Accessible (as applied to equipment)
15	B	General - 100 Definitions - Ampacity
16	C	General - 100 Definitions - Arc-Fault Circuit Interrupter (AFCI)
17	A	General - 100 Definitions - Askarel
18	C	General - 100 Definitions - Bonded (Bonding)
19	D	General - 100 Definitions - Bonding Jumper, Supply-Side
20	D	General - 100 Definitions - Bonding Jumper, System
21	A	General - 100 Definitions - Branch Circuit
22	A	General - 100 Definitions - Circuit Integrity (CI) Cable
23	B	General - 100 Definitions - Class 2 Circuit
24	C	General - 100 Definitions - Class 3 Circuit
25	C	General - 100 Definitions - Connector, Pressure (Solderless)
26	A	General - 100 Definitions - Continuous Load
27	C	General - 100 Definitions - DC-to-DC Converter
28	B	General - 100 Definitions - Disconnecting Means
29	D	General - 100 Definitions - Duty, Intermittent
30	D	General - 100 Definitions - Electric Sign
31	D	General - 100 Definitions - Electric-Discharge Lighting
32	D	General - 100 Definitions - Electronically Actuated Fuse
33	A	General - 100 Definitions - Feeder
34	B	General - 100 Definitions - Fuel Cell
35	D	General - 100 Definitions - Fuel Cell System
36	A	General - 100 Definitions - Generating Capacity
37	D	General - 100 Definitions - Ground Fault
38	B	General - 100 Definitions - Ground-Fault Current Path
39	B	General - 100 Definitions - Hermetic Refrigerant Motor-Compressor
40	B	General - 100 Definitions - In Sight From (Within Sight From, Within Sight)
41	B	General - 100 Definitions - Intersystem Bonding Termination

 A Content Summary mapped to question numbers is located at the end of this file

 Highlighting corresponds to bookmarked Articles located in question (PE) file

ICC (T16) Master Electrician, 2020 NEC - Content

All of the questions in this practice exam are sourced from the 2020 edition of the *National Electrical Code* (NFPA 70). There are no questions from *Ugly's Electrical References* in this practice exam. There is a separate set of questions located in the folder "2020_Ugly's_Reference" included with your set of files.

Questions in this practice exam are categorized as shown in the table below which is derived from the ICC exam bulletin published on their web site:

Category	Practice Exam Questions
General Knowledge and Plan Reading	
Electrical Theory and General Electrical Load Calculations	1-13, 64-92, 2414-2456
Code Definitions and Terms	14-63
Plan Reading	none †
Services and Service Equipment	
Services and Fault Current	289-303
Service Load Calculations	160-189 *
Service Equipment & Service Conductors	212-288
Transformers	869-880
System Grounding and Bonding	‡
Temporary Service Wiring	1322-1344
Feeders	
Load Calculations	160-189 *
Equipment Grounding	‡
Branch Circuits and Conductors	
Branch Circuit Calculations	149-159
Overcurrent Protection	309-338
Conductors	456-462, 471-521, 550-574, 629-632
Required Outlets & GFCI/AFCI Protection **	123-133
Equipment Grounding	426-449