

## Aptitude Test – Electrical #1

TEST BASED ON THE 2002 EDITION - NATIONAL ELECTRICAL CODE

**Instructions:** Complete the questions on this and the following pages by circling the letter corresponding to your selected answer.

1. What is the required working area in front of a typical circuit breaker panel?  
a. 4'                      b. 2'                      c. 1.5'                      d. 3'
2. Should 120 volt pool lights be protected by a Ground Fault Interrupter?  
a. YES                      b. NO
3. If a kitchen counter top receptacle is more than 6' from the sink, does it require GFI protection?  
a. YES                      b. NO
4. To find the amperage of a single phase lighting load, you divide the \_\_\_\_\_ into the wattage.  
a. resistance                      b. circuit size                      c. voltage                      d. none of these
5. If a 130 volt incandescent light bulb is installed on a 120 volt system, which of these will happen.  
a. The bulb will last longer                      b. The bulb will burn out faster
6. What is the minimum grounding electrode conductor size for a 100 amp service?  
a. #10cu                      b. #6cu                      c. #2cu                      d. 1/0cu
7. What color should you mark the "stinger" or "high leg" of a three phase delta system?  
a. black                      b. green                      c. brown                      d. orange
8. Can the rotation of a three phase motor be reversed by swapping two leads?  
a. YES                      b. NO                      c. Only on 480 volt systems
9. If an electrical device has been underwater or severely wet, should it be replaced?  
a. YES                      b. NO                      c. Only if it was saltwater

# Aptitude Test Questions For Electrical Engineering

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**Electrical Engineering Solved Papers GATE 2022** Manish Purbey , 1 The book is prepared for the preparation for the GATE entrance 2 The practice Package deals with Electrical Engineering 3 The practice package is divided into chapters 4 Solved Papers are given from 2021 to 2000 understand the pattern and build concept 5 3 Mock tests are given for Self practice 6 Extensive coverage of Physics and General Aptitude are given 7 Questions in the chapters are divided according to marks requirements 1 marks and 2 marks 8 This book uses well detailed and authentic answers Get the complete assistance with GATE Chapterwise Solved Paper Series that has been developed for aspirants who are going to appear for the upcoming GATE Entrances The Book Chapterwise Previous Years Solved Papers 2021 2000 GATE Electrical Engineering has been prepared under the great observation that help aspirants in cracking the GATE Exams As the name of the book suggests it covers detailed solutions of every question in a Chapterwise manner Each chapter provides a detailed analysis of previous years exam pattern Chapterwise Solutions are given Engineering Mathematics and General Aptitude 3 Mock tests are given for Self practice To get well versed with the exam pattern Level of questions asked conceptual clarity and greater focus on the preparation This book proves to be a must have resource in the solving and practicing previous years GATE Papers

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