

Pre-Test



Multiple Choice

1. When discussing if a drive is 6,12 or 18 Pulse, which part of the drive is being discussed?
 - A. Control Circuit
 - B. DC Link
 - C. Rectifier
 - D. Filter
 - E. Encoder

2. Banks of large capacitors are the most prominent in which of the following parts of a drive?
 - A. Inverter
 - B. DC Link
 - C. Rectifier
 - D. RFI Filter
 - E. Brake Circuit

See notes for questions 3-5.

3. The main function of which of the following parts of an VFD is to change a high DC voltage into a pulsed AC voltage.
 - A. Inverter
 - B. DC Link
 - C. Rectifier
 - D. RFI Filter
 - E. Encoder

4. If 480Vac is the incoming power to the VFD, which of the following is the expected voltage at the DC Link?
 - A. 240Vdc
 - B. 312Vdc
 - C. 480Vdc
 - D. 648Vdc
 - E. 800Vdc

5. IGBTs are found in which part of the drive, assume no braking?
 - A. Inverter
 - B. DC Link
 - C. Rectifier
 - D. RFI Filter
 - E. Encoder



How did you do?

Answers:

1. C. Rectifier
2. B. DC Link
3. A. Inverter
4. D. 648Vdc
5. A. Inverter

If you got 4 or 5 right – skip to the next lesson.

If you only got 3 or less right please review this lesson.