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**Copeland Mobile Questions (Answer Key)**

1. What is the discharge temperature of a ZP182KCE-TE5, 410a, 60Hz, Evap Temp 40F, Cond. Temp. 110F, RG 65F, SH 10F, SC 15F?
   1. ~157F
   2. ~167F
   3. **~177F**
   4. ~187
2. When checking the operation of a ZB38KCE-TF5 in the Diagnostics Tab. The system is using R404a and is running with a suction pressure of 50 (psig), discharge pressure of 225 (psig) and actual current draw of 16(Amps). Select the correct answer.
   1. 0 to 10% - Normal Variation. Continue to Monitor the System
   2. 10 to 15% - Likely Problem. Investigate Further
   3. **15 to 20% - Definitely a Problem which needs to be Diagnosed**
   4. Over 20% - Shut System Down immediately. Do not Troubleshoot while Running
3. You have a customer who has a failed Tecumseh AEA4430AXA. What is the Copeland cross reference replacement?
   1. ARE35C5E-IAA-901
   2. AEA4440AXA
   3. AEA4430AXA
   4. **ARE25C5E-IAA-901**
4. Your customer calls you and has a failed run capacitor on a ZP24K5E-PFV. What is the run capacitor part number?
   1. 040-0166-37
   2. 918-0052-01
   3. **014-0064-08**
   4. 014-0101-00
5. Your customer calls you with a medium temp. condensing unit model number of XFAP-020Z-CFV-081 which has a failed fan motor. Select the correct part number?
   1. 050-0300-01
   2. **050-0316-01**
   3. 083-6931-00
   4. 577-0542-00
6. There is a failed 100W/240V crankcase heater on a 3DS3R17ME-TFC running with R22. What is the part number the service tech should call the wholesaler for?
   1. 918-0028-00
   2. **918-0028-01**
   3. 918-0028-11
   4. 030-0187-01