

3B2 Power Engineer exam practice

The disadvantages of a gas turbine are:

1. High cost of manufacture
2. High levels of noise pollution are produced
3. Low thermal efficiency
4. Requires many auxiliaries to be efficient

- A. 1, 2, 3
- B. 1, 3, 4
- C. 2, 3, 4
- D. 1, 2, 4
- E. 1, 2, 3, 4 - ANS E

The most common process method of refrigeration is:

Select one:

- A. Absorption
- B. Lithium bromide
- C. Water vapor
- D. Vapor compression or mechanical
- E. Ammonia compression system - ANS D

To facilitate the removal of moisture and oil from the compressed air, a/an _____ is installed.

Select one:

- A. Intercooler
- B. Oil separator
- C. Unloader
- D. Expansion tank
- E. Aftercooler - ANS E

In a two-stage refrigeration system, the 1st stage compressor is also known as a _____ compressor.

Select one:

- A. Booster
- B. Standby
- C. Low volume
- D. Extraction
- E. Refrigerant - ANS A

In the rotary vane compressor:

Select one:

- A. Vanes close to the central hub by centrifugal force

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VM Jensen



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