

Refrigeration and Air Conditioning Questions Answers

1. Pick up the wrong statement. A refrigerant should have
 - (a) Tow specific heat of liquid
 - (b) high boiling point
 - (c) high latent heat of vaporisation
 - (d) higher critical temperature
 - (e) low specific volume of vapour.Ans: b
2. A standard ice point temperature corresponds to the temperature of
 - (a) water at 0°C
 - (b) ice at -4°C
 - (c) solid and dry ice
 - (d) mixture of ice, water and vapour under equilibrium conditions under NTP conditions
 - (e) mixture of ice and water Under equilibrium conditions.Ans: e
3. Vapour compression refrigeration is some what like
 - (a) Carnot cycle
 - (b) Rankine cycle
 - (c) reversed Carnot cycle.
 - (d) reversed Rankine cycle
 - (e) none of the above.Ans: e
4. Which of the following cycles uses air as the refrigerant
 - (a) Ericsson
 - (b) Stirling
 - (c) Carnot
 - (d) Bell-coleman
 - (e) none of the above.Ans: d
5. Ammonia-absorption refrigeration cycle requires
 - (a) very little work input
 - (b) maximum work input
 - (c) nearly same work input as for vapour compression cycle
 - (d) zero work input
 - (e) none of the above.Ans: a
6. An important characteristic of absorption system of refrigeration is
 - (a) noisy operation
 - (b) quiet operation
 - (c) cooling below 0°C
 - (d) very little power consumption
 - (e) its input only in the form of heating.Ans: b

The relative coefficient of performance is

- (a) actual COP/theoretical COP
- (b) theoretical COP/actual COP
- (c) actual COP x theoretical COP

Air Conditioning Refrigeration Unit 14 Answers

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Air Conditioning Refrigeration Unit 14 Answers:

Refrigeration and Air Conditioning S. N. SAPALI, 2009-02-11 This book provides a first course in Refrigeration and Air Conditioning The subject matter has been developed in a logical and coherent manner with neat illustrations and a fairly large number of solved examples and unsolved problems The text developed from the author's teaching experience of many years is suitable for the senior level undergraduate and first year postgraduate students of mechanical engineering automobile engineering as well as chemical engineering The text commences with an introduction to the fundamentals of thermodynamics and a brief treatment of the various methods of refrigeration Then follows the detailed discussion and analysis of air refrigeration systems vapour compression and vapour absorption refrigeration systems with special emphasis on developing sound physical concepts and gaining problem solving skills Refrigerants are exhaustively dealt with in a separate chapter The remainder chapters of the book deal with psychrometry and various processes required for the analysis of air conditioning systems Technical descriptions of compressors evaporators condensers expansion devices and ducts are provided along with design practices for cooling and heating load calculations Finally a brief review of the basic principles and applications of cryogenic gases and air liquefaction systems are given **Standard and Poors 500 Guide 2013** Standard & Poor's, 2012-12-26 The most up to date and accurate market intelligence for superior investment decisions from the world's premier financial index Standard Poor's 500 Guide 2013 Edition contains hard to find data and analysis on the bluest of blue chip stocks from Abbot Labs and GE to Microsoft and Yahoo Comprehensive and fully updated information from year to year stock values to overall company performance make this the only resource you need to optimize your investment performance Standard Poor's provides the respected Standard Poor's ratings and stock rankings advisory services data guides and several closely watched and widely reported gauges of stock market activity The ... Theatre Catalog, 1957 **1970 Census of Housing: Metropolitan housing characteristics. 248 pts. in 14 v** United States. Bureau of the Census, 1972 **Questions and Answers in Environmental Science** S.K. Basu, Amit Krishna De, 2005 The Sustainable Future Of Humany Lies In Understanding The Earth And Its Environment For This Reason Environmental Science Has A Purview That Overlaps Several Other Disciplines From Biology To Economics Geology To Sociology Every Subject Has A Significant Relationship With Some Area Of Environmental Science However It Is Often Difficult Time Consuming And Exhaustive To Keep Pace With New Trends In Such A Broad Based Field **Vocational Division Bulletin**, 1961 **Vocational Education Bulletin** United States. Division of Vocational Education, 1961 **Curriculum Materials for Trade and Industrial Education**, 1961 Vocational Division Bulletin United States. Division of Vocational Education, 1939 *Index of Patents Issued from the United States Patent Office* United States. Patent Office, 1953

The Enigmatic Realm of **Air Conditioning Refrigeration Unit 14 Answers**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing short of extraordinary. Within the captivating pages of **Air Conditioning Refrigeration Unit 14 Answers** a literary masterpiece penned by a renowned author, readers embark on a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting effect on the hearts and minds of those that partake in its reading experience.

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