

Refrigeration and Air Conditioning Questions Answers

1. Pick up the wrong statement. A refrigerant should have
 - (a) Low 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 And Refrigeration Unit 47 Answers

S Ben Porath



Air Conditioning And Refrigeration Unit 47 Answers:

General Questions of Heat Transfer, Refrigeration & Air Conditioning Shivendra Nandan, Prakash Sharma, Satyajeet Kant, Heating ventilation and air conditioning is the technology of indoor and vehicular environmental comfort Its goal is to provide thermal comfort and acceptable indoor air quality

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hours in seven pigs with lavage induced acute respiratory distress syndrome ards oxygenation plateau pressure and ph goals
were controlled during the automatic ventilation therapy using autoardsnet

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web nov 3 2020 ardsnet ventilation strategy is practical and can be used at the bedside open lung approaches to ventilation
typically use higher peep settings than the ardsnet ventilation strategy definitions note that the definitions of ali and ards
have been revised however they are included here as they were used in the ardsnet trial see

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web protocols provide a framework for clinicians to operate within removing guesswork and decreasing the burden on
clinicians as algorithms are followed and care is directed if implemented appropriately the use of protocols checklists and
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