

CBSE Question Paper - 2010

AIR CONDITIONING AND REFRIGERATION – IV

(Theory)

Class – XII

Time allowed: 3 hours

Maximum Marks: 40

1. Briefly describe the following :

4×2

 - (a) Package unit
 - (b) Heating and humidifying equipment
2. Why are ducts used in an air-conditioning system ? List the factors due to which pressure of air falls in a duct.

8
3. Differentiate control system. Give examples of both types of elements.

8
4. Describe the functions and working of a modulating motor.

8
5. List various electrical faults, usually found in a domestic refrigerator.

Other Educational Websites:

ICSEGuess.com | NIOSGuess.com | IGNOUGuess.com | IITGuess.com | MagicSense.com | AIPMTGuess.com | AIEEEGuess.com | IndiaGuess.com

6. Explain the procedure of charging through suction line, with the help of a neat diagram.

7. Describe the working of the following :

4×2

(a) Compressor

(b) Relays

8. Write short notes on any two of the following :

4×2

(i) Bypass control

(ii) Safety switches

(iii) Pressure testing

(iv) Cooling coil