CBSE Class 12 Air-Conditioning and Refrigeration 2015 - Set 113 - Compartment

Question Paper

Conducted by the Central Board of Secondary Education (CBSE)

Time Allowed: 2 Hours **Maximum Marks: 40**

General Instructions

(i) Attempt any five questions.

(ii) All questions carry 8 marks. Follow any internal choices given in the questions.

Questions

Instruction : Attempt any five questions. All questions carry equal marks.

1. Distinguish between all-air and all-water air conditioning systems. Where are these used ?

2. Show with the help of sketches different duct layouts for carrying conditioned air.

3. Explain the working of a unit air conditioner.

4. How is central air conditioning done ? Where is it used ?

5. Explain the function and working of a thermostatic expansion valve.

6. Explain the devices used for protection of motors.

7. Draw a monthly maintenance schedule for an air-conditioning plant.

8. Write short notes on any two of the following : 4, 4

8(i). Humidstat

8(ii). Packaged unit

8(iii). Various air outlets

8(iv). Common faults in a refrigerator

- End of Question Paper -